



**Defense Logistics Information Service (DLIS)
Reference/Master Data Environment (RMDE)
Federal Item Cross Reference (FIXR)**

End Users Manual

December 3, 2008

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Executive Summary

The Defense Logistics Information Service (DLIS) is responsible for the delivery of reference data to the Department of Defense (DOD), federal agencies, commercial companies, and select foreign allied governments. The DLIS mission is to create, obtain, manage, and integrate logistics information for dissemination to users and customers in a cost effective and easy manner. Prior to RMDE, the data used to accomplish this mission was maintained in a variety of standalone systems, each developed to accomplish specific business functions and requirements.

RMDE is a data warehouse solution designed to meet the challenge of providing logistics reference data to this wide spectrum of users through a single, cohesive, and standardized method. This data warehouse will provide users with logistics reference data and increase their research capabilities over time, relieving the research-processing burden from the source systems and freeing up those resources to address transaction-based customers.

It is also important to note that RMDE is part of DLA's Integrated Data Environment (IDE). As such, it provides logistics reference data to users and systems through IDE interfaces. RMDE will also provide reference data directly to some segments of the DLIS customer base.

1.0 System Application

RMDE serves as the central access method to interactively obtain reference/repository information managed by DLIS using World Wide Web technology. It provides SQL queries of the database, standard reporting, batch query processing and a business intelligence tool to create reports and extracts that can be used to create a variety of output products.

The majority of RMDE's data sources are operational systems that manage item and supplier data. The data and sources are:

- Current NIIN data from Federal Logistics Information Systems (FLIS)
- Historical data from the Maintain Items of Supply (MIOS) History file and from the Federal Item Logistics Data Record (FILDR)
- Commercial and Government Entity Codes (CAGE)
- NIIN Weapon system data - (restricted)
- Hazardous Materials Information Resource System (HMIRS) - all non-proprietary
- NIIN images from Image Builder
- EBS Bill of Material (BOM) and Kitting data
- Military service unique data from MILSVCS systems

1.1 Security and Privacy

The Federal Item X-Reference (FIXR) application operates within a dedicated security mode and processes sensitive and non-sensitive data. Appropriate security controls are in place to ensure the confidentiality, integrity and availability of the data.

1.2 Assistance and Problem Reporting

If the user is in need of assistance, please refer to the **Help** section on the top menu. Should further assistance be required, contact:

Defense Logistics Agency Customer Interaction Center

Defense Logistics Information Services

74 Washington Ave., N

Battle Creek, MI 49037-3084

Phone: 1-877-352-2255 / DSN 661-7766 / (269) 961-7766

Fax: DSN 661-5305 / (269) 961-5305

Email: dlis-support@dlis.dla.mil

The Defense Logistics Agency Customer Interaction Center (DLA CIC), located in Battle Creek, Michigan is staffed 24 hours a day, seven days a week, including Government holidays. Dedicated, knowledgeable agents are available to provide real-time aid for real world logistics needs.

Technicians can help locate a supply item in the database, assist in obtaining FIXR access, or give step-by-step instructions over the phone to connect disc drive units to a PC for CD-ROM products. Direct all questions, problems, comments, or inquiries to the Customer Service Outreach (CSO) technician to gain needed information.

Customers may contact the RMDE Program Management office at:

Email: DLISFIXR@dla.mil

Commercial Phone: 269-961-4147

DSN: 661-4147

Users with revoked passwords, call or email for a password reset:

Email: PasswordR@dla.mil

Commercial Phone: 269-961-7793

DSN: 661-7793

1.2.1 Software

FIXR will run properly with a Windows NT, 2000, or XP operating system, and a browser minimum of Internet Explorer 4.0.

2.0 Using FIXR

2.1 Access

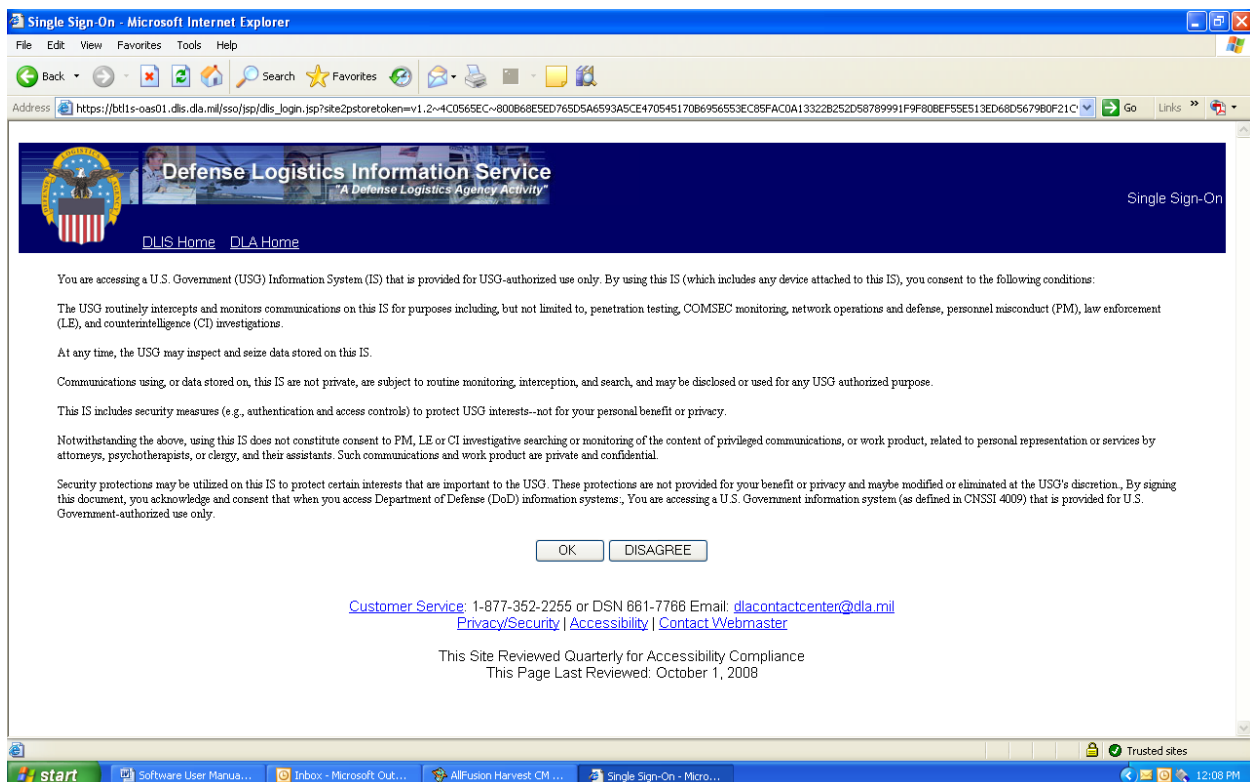
To access FIXR, open a web browser and enter the below URL address into the address bar. FIXR is also available from the DLIS Internet and Intranet.

<https://www.dlis.dla.mil/rde>

or using a web browser:

- Navigate to the DLIS website
- Select Log Tools
- Select Federal Item X-Reference (FIXR)
- Click Sign On

Figure 1, Warning Banner



Note:

The Warning Banner above requires the User to read and agree before logging into the System

2.2 Login Page Elements

2.2.1 Links

There are two links provided to bring the user back to the DLA Homepage or the DLIS Homepage:

- [DLA Home](http://www.dla.mil) - links to DLA website (<http://www.dla.mil>)

- [DLIS Home](http://www.dlis.dla.mil) - links to DLIS website (<http://www.dlis.dla.mil>)

2.2.2 Lower Navigation

The Lower Navigation section on the Login Page provides the user with general links and email addresses related to DLA or DLIS:

- [Customer Service](#) - DLIS Customer Service Center webpage of contact information
- [DLIS-Support@dlis.dla.mil](mailto:dlis-support@dlis.dla.mil) – DLIS email support
- [Accessibility](#) – Describes Section 508 compliance

Figure 2, Login Screen

Defense Logistics Information Service
"A Defense Logistics Agency Activity"

DLIS Home DLA Home

User Name:

Password:

Login Cancel

[Customer Service](#) 1-877-352-2255 or DSN 681-7766 Email: dliscontactcenter@dlis.dla.mil
[Privacy/Security](#) | [Accessibility](#) | [Contact Webmaster](#)

This Site Reviewed Quarterly for Accessibility Compliance
This Page Last Reviewed: October 1, 2008

2.3 Login

2.3.1 First Time Login

1. Enter **User ID** ([DLA Standard Log on](#))
2. Enter temporary **Password** (provided by DLIS)
3. Click **Login**
4. The user will be prompted to change the temporary password to a unique password.
5. Enter **Old Password** (temporary password provided)
6. Enter the **New Password** (note the requirements on the screen)
7. **Confirm Password** by entering the new password again
8. Click **OK**

Successful password changes direct users to the FIXR Main Page. Unsuccessful attempts prompt users to enter a different new password. Contact the Help Desk for aid in resolving password difficulties.

Figure 3, Set Password

Defense Logistics Information Service
A Defense Logistics Agency Activity

Change Password

DLIS Home DLA Home

Change My Password: Melissa Menzors

Old Password

New Password

Confirm New Password

PASSWORD RULES:

- MUST**
 - contain at least TWO numbers, TWO upper-case letters, TWO lower-case letters and TWO punctuation marks
 - differ from the old password by at least three characters
 - be no less than 14 characters long
- MUST NOT**
 - Contain any dictionary word.
 - Contain consecutive duplicate characters.
 - Be similar to username.
 - repeat any of the previous 8 passwords

Home | Help

Click HERE to CANCEL

Clear Submit

2.3.2 Standard Login

Login to FIXR:

1. Enter **User ID** (**DLA Standard Log On**), and **Password**
2. Click **Login**
3. The FIXR Homepage will be displayed

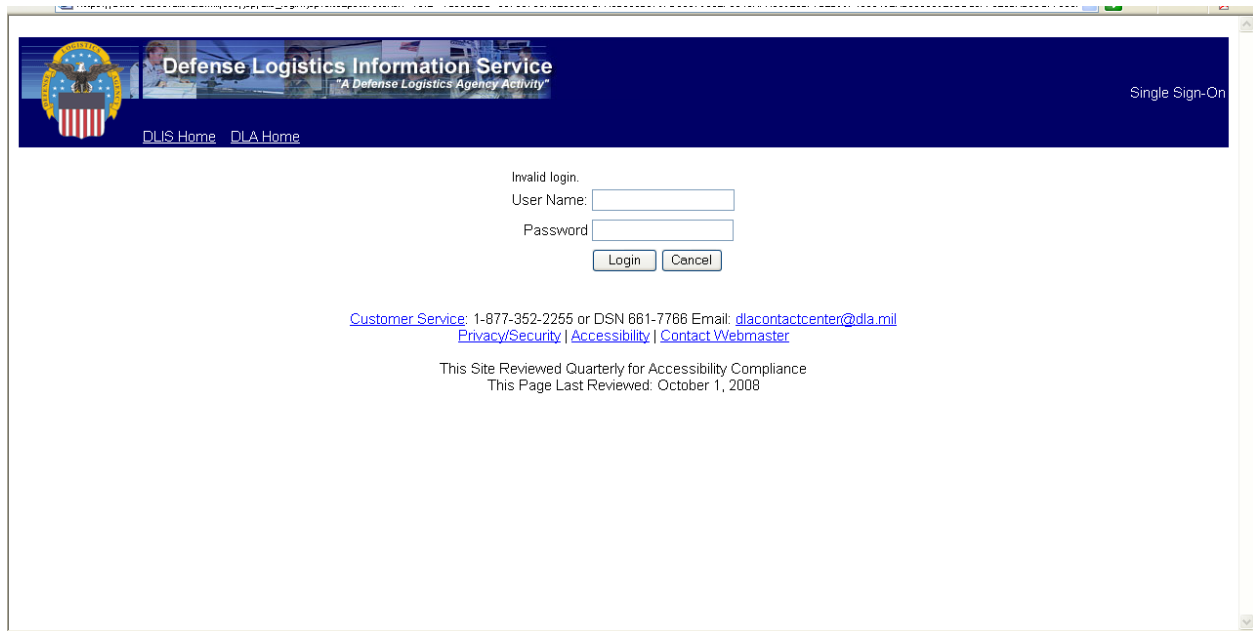
Note:

Users must adhere to the DLIS password creation rules. Do not share a User ID and Password. This is a DLIS security violation and will result in the loss of access.

2.3.3 Login Error

If the **User ID** and/or **Password** have been entered incorrectly, an Invalid Login message will be displayed. Re-enter the **User ID** and **Password** on the Login screen that appears and click **Login**. If difficulties continue, contact the Help Desk.

Figure 4, Login Error



The screenshot shows a web browser window displaying the Defense Logistics Information Service (DLIS) login page. The header features the DLIS logo on the left, the text "Defense Logistics Information Service" and "A Defense Logistics Agency Activity" in the center, and a "Single Sign-On" link on the right. Below the header, there are links for "DLIS Home" and "DLA Home". The main content area displays an "Invalid login." message above two input fields labeled "User Name:" and "Password:". Below these fields are "Login" and "Cancel" buttons. At the bottom of the page, there is contact information for Customer Service (1-877-352-2255 or DSN 661-7766, Email: dlacontactcenter@dla.mil), links for Privacy/Security, Accessibility, and Contact Webmaster, and a statement that the site is reviewed quarterly for Accessibility Compliance, with the last review on October 1, 2008.

Note;

User will be prompted to change expired password.

When a login is successful, user will be directed to the FIXR Main Page.

3.0 FIXR Navigation Menus

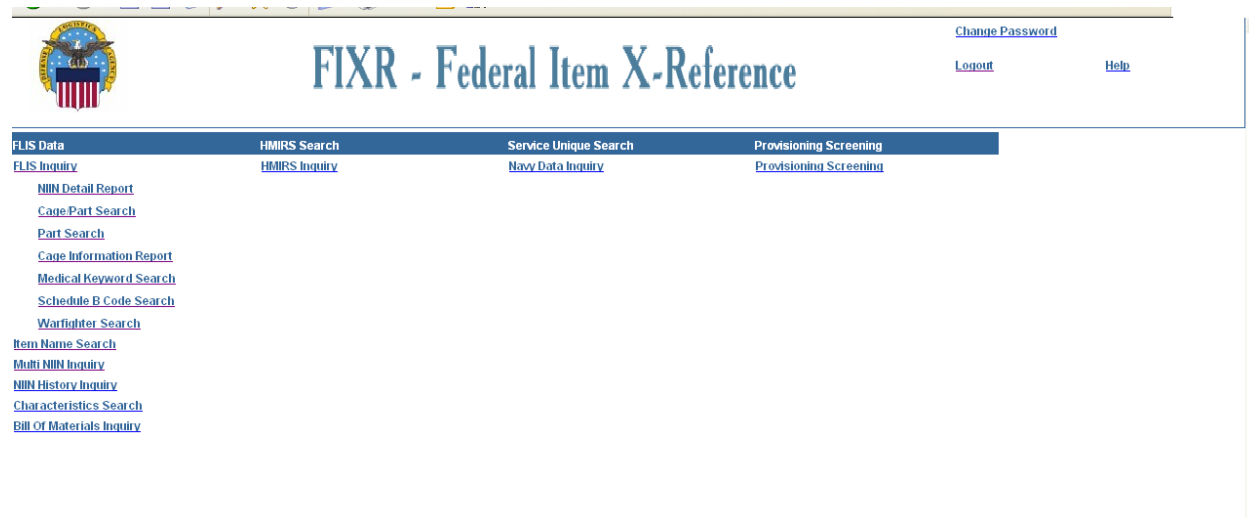
There are 3 main menus displayed on each search screen:

- FIXR Main Page
- Banner Hyperlinks Menu (Top Menu)
- Tab Menu (Tabular Menu)
- Sub-tab Menu (Sub-Tier Menu)

3.1 FIXR Main Page

Navigation from the FIXR Main Page enables users to select the type of search and move directly to its Parameter Entry screen.

Figure 5, FIXR Main Page



3.2 Banner Hyperlinks Menu

The **Banner Hyperlinks Menu** (top menu), located in the upper right-hand corner of the web browser, is present on every screen in FIXR. It allows the user access to system functions that are needed from any screen in the system.

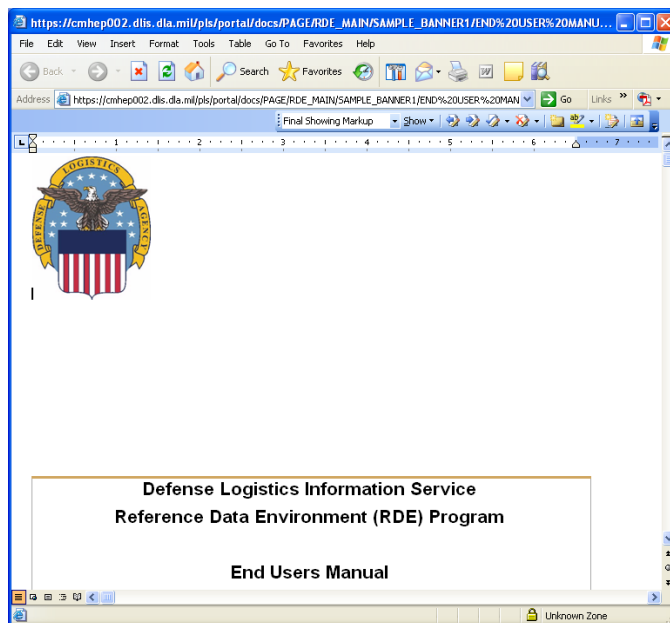
- **Help** – Details to the FIXR system that the user can reference for help
- **Edit** - Allows the user to change the page layout (selected users only)
- **Logout** – Click to **Logout** of the FIXR system
- **Change Password** – Allows the user to change his/her password

Figure 6, FIXR Menus

3.2.1 Help

Clicking on Help section provides access to the FIXR User Manual. Users can open or save the document.

Figure 7, Accessing User Manual from Help



3.2.2 Change Password

The 'Change Password' link on the Banner Hyperlinks Menu allows the user to change his/her password. A new window will open for changing your password.

Figure 8, Change Password

Defense Logistics Information Service
A Defense Logistics Agency Activity

Change Password

DLIS Home DLA Home

Change My Password: Melissa Menzors

Old Password

New Password

Confirm New Password

PASSWORD RULES:

- MUST**
 - contain at least TWO numbers, TWO upper-case letters, TWO lower-case letters and TWO punctuation marks
 - differ from the old password by at least three characters
 - be no less than 14 characters long
- MUST NOT**
 - Contain any dictionary word.
 - Contain consecutive duplicate characters.
 - Be similar to username.
 - repeat any of the previous 8 passwords

Clear Submit

Home | Help

[Click HERE to CANCEL](#)

3.2.3 Edit

The Edit link allows users to change the page layout (selected users only).

3.2.4 Logout

Clicking **Logout** will log out the current user. The screen will show **Logout Successful** and present a **Return** button. Once the user is logged out, all text fields will be cleared values from the session will no longer be saved. Only the **Detail Preferences** will be saved.

By clicking **Return**, the user will be brought to the Login Homepage.

Figure 9, Logout

Address https://bt11s-oas02.dlis.dla.mil/2ee/single_sign_off.jsp

Go SnagIt

Defense Logistics Information Service
A Defense Logistics Agency Activity

Single Sign-Off

DLIS Home DLA Home

Logout Successful

Return

Customer Service : 1-877-352-2255 or DSN 932-7766 Email: DLIS-Support@dlis.dla.mil
[Privacy/Security](#) | [Accessibility](#) | [Contact Webmaster](#)

This Site Reviewed Quarterly

3.3 Tab Menu

The main tab search functions are located across the top of the **Tab Menu** (tabular menu). By clicking on each tab, the search parameters for each search **Parameter Entry** screen will

appear and the tab will be highlighted in blue. Other tab selections will be displayed in gold, and are accessible at anytime to select. When a tab has been selected, a **Sub-tab Menu** associated with the tab will also appear under the selected tab.

3.4 Sub-Tab Menu

The **Sub-tab Menu** (sub-tier menu) associated with the tab selected will appear in blue. The screen title will be bolded in white to indicate where in the **Sub-tab Menu** the user is. The user can select the other sub navigation titles (in gold) at any time or use the browser **Back** button. However, the information displayed will be results from a previous search if a previous search was performed during the session. If a **Parameter Entry** search has no result or has errors in it; an error will be indicated on the screen.

Note:

The user's last selected **Detail Preferences** will always remain the same until they are changed and saved. The user's **Search Parameters** will only be saved in FIXR until the next login.

4.0 Print Functions

System-wide Functions are options and features that are available throughout the FIXR system. These functions include:

- Printing
- Parameter Entry Fields
- Identifying Errors
- Pick list Selections
- Tool Tips

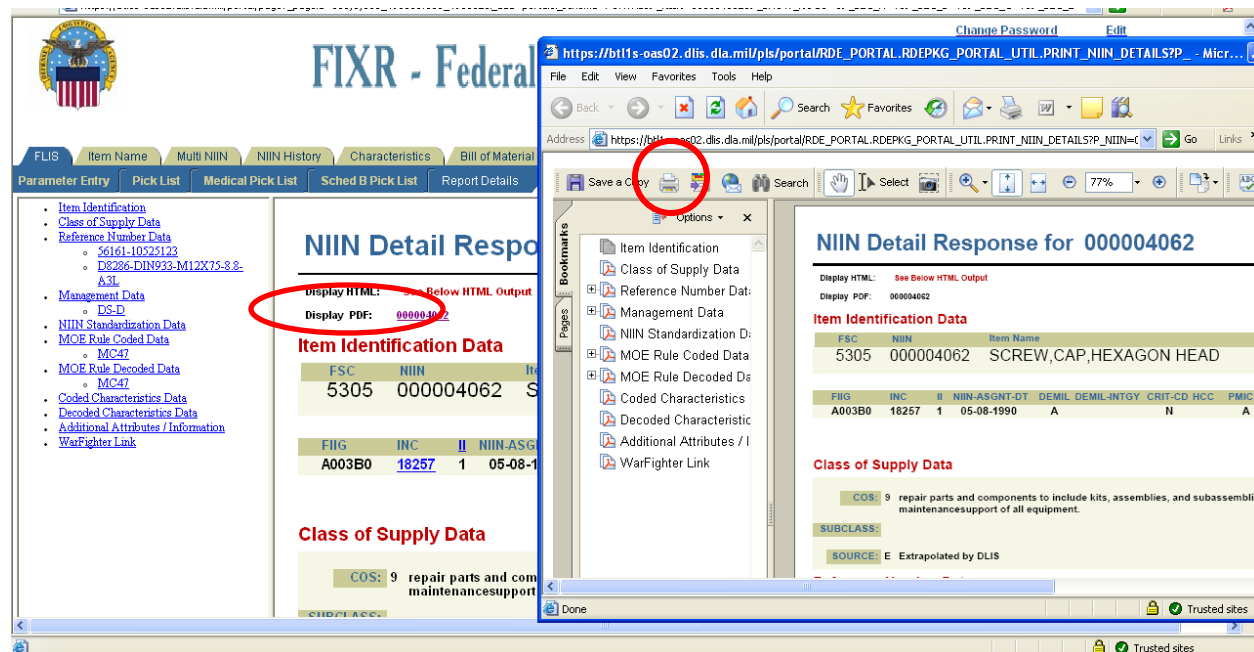
4.1 Printing

The optimal solution to printing a report is to print from an Adobe® PDF display although, printing can also be accomplished from MS Word and MS Excel formats.

4.1.1 Printing in Adobe Acrobat®

This technique will provide a single NIIN on an individual report. The top right of each report, select the **Display PDF** Link and the report will appear in a separate window in Adobe Acrobat®. Clicking on the Print button in Adobe Acrobat will provide a printout of all displayed data.

Figure 10, Location of the Display PDF Link



Printing from Adobe Acrobat is not available on large scale reports such as the Multi-NIIN and Provisioning Screening reports. File creation is offered instead.

In addition to the **Display PDF** Link, when there are multiple results from a pick list selection, the user is also provided a listing of the individual NIINs each of which can be used to get a PDF version of the report, (Figure 11 below). User can do Cage/Part Search by entering any cage or Part number and submit the search by clicking on on search button. This search will produce a

pick list. User has option to select multiple NIINS and click on “submit selection” button which is located on the Pick list screen. The results are shown in the example below.

Figure 11, Selecting from Multiple NIINS to Obtain a PDF Version

FIXR - Federal Item X-Reference

Change Password Edit
Logout Help

Go Back to Main Page

FLIS Item Name Multi NIIN NIIN History Characteristics Bill of Material

Parameter Entry Pick List Medical Pick List Sched B Pick List Report Details

HB91319 Custom Header

NIIN Detail Response for 012562871

Display HTML: 012562871 005671004 001988054 006895424
Display PDF: 012562871 005671004 001988054 006895424

Item Identification Data

FSC	NIIN	Item Name	EFF-DT
5925	012562871	CIRCUIT BREAKER	10-15-1991

FIIG	INC	II	NIIN-ASGNT-DT	DEMIL	DEMIL-INTGY	CRIT-CD	HCC	PMIC	ADPEC	BPDMRC	ESD-EM	HMIC	EFF-DT
00136	2	06-03-1987	A					A		4		P	10-15-1991

Class of Supply Data

COS:

SUBCLASS:

4.1.2 Printing Multiple NIIN Output Files in Adobe

To print a single Adobe Acrobat file containing selected NIINs (limit 25), perform the following steps:

- When pick list is displayed for Cage/Part search, select multiple NIINs and then click on the **Multi-NIIN** tab. A list of NIINs will be automatically populated in the box in the upper left corner. Do not be concerned if the NIINs are all run together, FIXR will interpret them correctly (see Figure 12).

Figure 12, Multiple NIINs Transferred to Multi-NIIN Inquiry Tab

The screenshot displays the FIXR - Federal Item X-Reference web application. The 'Multi NIIN Inquiry' tab is active. In the 'Enter NIIN Data' field, two NIINs are entered: 012562871009671004 and 001988054. The 'Multi NIIN Preferences' panel on the right shows various data options checked, with 'Printable Report' and 'Include Code Value Descriptions in XML' highlighted. The 'Save Output Preferences' button is also highlighted. The bottom of the screen shows a Windows taskbar with several open applications.

- Next, check the **Printable Report** check box followed by clicking on the **Save Output Preferences** button at the lower right part of the screen.
- Then, type in a file name for the Adobe Acrobat file and a description, then click the **Submit** button (Figure 13).

Figure 13, Submit the Multi-NIIN List for Printing

The screenshot shows the FIXR - Federal Item X-Reference web application. The main header includes the DLA logo and the title "FIXR - Federal Item X-Reference". Below the header is a navigation bar with tabs: FLIS, Item Name, Multi NIIN, NIIN History, Characteristics, and Bill of Material. The "Multi NIIN Inquiry Portlet" is active, showing a form with "File Name" (MMM_Test) and "Description" (Multi-NIIN_Test) fields. A red circle highlights these fields and the "Submit" and "Check Requests" buttons. To the right is the "Multi NIIN Preferences" section with checkboxes for various data types. At the bottom, there are links for "test1.xml", "MMM_Test.xml", and "MMM_Test2.xml".

- FIXR will provide notice that the request has been completed and assigns it a number. Click on the **Check Requests** button (may have to click several times) until the requested output is displayed in the **NIIN Inquiry Output Box** (Figure 14).

Figure 14, Obtaining the Output File

Go Back to Main Page

FLIS Item Name Multi NIIN NIIN History Characteristics Bill of Material

Multi-NIIN Inquiry Portlet

Enter NIIN List:

012562871
009671004
001988054

File Name: MMM_Test

Description: MultiNIINTest

Submit Check Requests

Messages: 2 Requests have error conditions. System Administrator has been notified.
No Requests Waiting to be Processed.
No Requests Ready to be Published.

How to Download Data

Multi-NIIN Preferences

☒ Item Identification Data ☒ Freight Data
☒ Reference Number Data ☒ Packaging Data
☒ Management Phrase Data ☒ DLA Weapons System Data
☒ MOE Rule Data ☒ DAAS SOS Data
☒ Standardization Data ☒ Class of Supply Data
☒ I&S Family Data ☒ Decoded Characteristics
☒ MOE Rule Decoded Data ☒ Coded Characteristics

☐ Printable Report ☒ Include Code Value Descriptions in XML

Reference Number Sort: RNCC/RNVC Current User: HB91319

Save Output Preferences

Output preferences default to your FLIS Inquiry output settings.

Multi-NIIN Inquiry Results

[test1.xml test 1](#)
Create Date: 11-DEC-2008
Expire Date: 21-DEC-2008 01:48 PM
Document Size: 38206 bytes

[MMM_Test.xml Printable report on Multi NIIN Screen](#)
Create Date: 11-DEC-2008
Expire Date: 21-DEC-2008 01:48 PM
Document Size: 68626 bytes

[MMM_Test2.xml Example of XML Code Report](#)
Create Date: 11-DEC-2008
Expire Date: 21-DEC-2008 01:54 PM
Document Size: 68505 bytes

- View the resulting file by clicking on the hyperlinked file name.
- The Figures below show an example of a Printable Report on the Multi NIIN Screen and an XML Code Report.

Figure 15, Example of a Printable Report on Multi NIIN Screen

MULTI-NIIN Request ID: 1399 File Name: MMM_Test.xml

NIIN: 012562871

Schedule B

Item Identification

NIIN	FIIG	INC	II	ESD EM	NIIN ASGNT DT	DEMIL	FSC	CRIT CD	ADPEC	PMIC	RPDMRC	II	DEMIL INTGY	HMIC	HCC	EFF DT
012562871		00136	2		03-JUN-87	A	5925			A	4	2		P		15-OCT-91

Reference Number Data

CAGE	PART	RNCC	RNVC	DAC	RNAAC	RNFC	RNSC	RNJC	SADC	HCC	MSDS
17228	123	3	2	5	TX						

Management Data

MOE	USC	EFF-DT	MOE	USC	AAC	SOS	PRICE	UI	QUP	CIIC	SLC	MGMT_CNTL
DS	D	01-JUN-05	DS	DD	J	SMS	28.81	EA	0	U	0	C
DN	N	01-JUN-05	DN	NN	J	SMS	28.81	EA	0	U	0	C

NIIN Standardization Data

RELATED NSN	ISC	NIIN-STATUS-CODE	STDZN-DECISION-ORG	STDZN-DECISION-DT
5925012562871	5	0	97	03-JUN-87

Figure 16, Example of an XML Code Report

```
<?xml version="1.0" encoding="UTF-8" ?>
- <MultiNIIN RequestID="1400" FileName="MMM_Test2.xml">
- <NIINDetailResponse NIIN="012562871">
- <FLIS_SEG_K>
- <Error>
- <ErrorMessage>No data found for supplied parameters 01</ErrorMessage>
- </Error>
- </FLIS_SEG_K>
- <FLIS_SEG_A>
- <ItemIdentification NCB="01" ITEM="2562871" CURR_STATUS_FLAG="C">
- <NCB_CD_4130>01</NCB_CD_4130>
- <I_I_NBR_4131>2562871</I_I_NBR_4131>
- <ESD_EMI_CD_2043 />
- <DT_NIIN_ASGMT_2180>03-JUN-07</DT_NIIN_ASGMT_2180>
- <DEMIL_CD_0167>A</DEMIL_CD_0167>
- <DEMIL_CD_EX_5136>NON-MLI (MUNITIONS LIST ITEM) -- DEMILITARIZATION NOT REQUIRED.</DEMIL_CD_EX_5136>
- <FSG_3994>59</FSG_3994>
- <FSC_WI_FSG_3996>25</FSC_WI_FSG_3996>
- <CRITL_CD_FIIG_3843 />
- <FIIG_4065 />
- <PINC_3084>0000136</PINC_3084>
- <INC_4080>00136</INC_4080>
- <ADPEC_0801 />
- <PMIC_0802>A</PMIC_0802>
- <TYP_PREC_MTL_5263>ITEM DOES NOT CONTAIN PRECIOUS METAL.</TYP_PREC_MTL_5263>
- <RPMRC_4765>4</RPMRC_4765>
- <RPMRC_EXP_5119>AN APPROVED ITEM NAME AND FIIG MAY EXIST BUT TECHNICAL DATA SUFFICIENT FOR PREPARATION OF A FULL DESCRIPTIVE METHOD ITEM IDENTIFICATION COULD NOT BE ACQUIRED AFTER SEVERAL FOLLOW-UP ACTIONS DURING A 150-DAY SUSPENSE PERIOD. INCLUDES SUCH REASONS AS; INDUSTRY REFUSES TO PROVIDE THE TECHNICAL DATA BASED ON POLICY, RESTRICTED OR PROPRIETARY RIGHTS, NON-EXISTENCE OF THE TECHNICAL DATA, ETC. (THIS CODE CANNOT BE USED IN SUBMITTALS FOR NATIONAL ITEM IDENTIFICATION NUMBER (NIIN) ASSIGNMENT OR REINSTATEMENT.)</RPMRC_EXP_5119>
- <TYP_II_4820>2</TYP_II_4820>
- <TYP_II_CD_EXP_5117>REFERENCE ITEM IDENTIFICATION</TYP_II_CD_EXP_5117>
- <HMIC_0865>P</HMIC_0865>
- <HMIC_EXPLN_3466>INDICATES THERE IS NO INFORMATION IN THE HMIRS. THE NSN IS IN A FSC IN TABLE II OF FED STD 313 AND A MSDS MAY BE REQUIRED BY THE USER. THE REQUIREMENT FOR A MSDS IS DEPENDENT ON A HAZARD DETERMINATION OF THE SUPPLIER OR THE INTENDED END USE OF ITEM.</HMIC_EXPLN_3466>
- <RPLM_NSN_CANC_8875 />
- <HCC_2579 />
- <NIIN_STAT_CD_2670>0</NIIN_STAT_CD_2670>
- <NIIN_STAT_DEF_5201>ITEM IS ACTIVE. FILE DATA CODED KFD IS FORWARDED. IF THIS KFD DATA REPRESENTS YOUR ITEM OF SUPPLY, SUBMIT, IF APPLICABLE, AN LAD, LAU, OR LCU TRANSACTION. OTHERWISE, USE THE NATIONAL STOCK NUMBER (NSN) IN YOUR SUPPLY SYSTEM.</NIIN_STAT_DEF_5201>
- <EFF_DT_2128>15-OCT-91</EFF_DT_2128>
- <DCN>----</DCN>
- </ItemIdentification>
- </FLIS_SEG_A>
```

4.1.3 Printing in MS Word or MS Excel

Downloading and printing using MS Word and MS Excel are offered options in FIXR pick lists.

Figure 17, Location of the Download in Word and Excel Buttons (FLIS Inquiry Pick List)

The screenshot shows the FIXR - Federal Item X-Reference web application. The top navigation bar includes links for 'Change Password', 'Edit', 'Logout', and 'Help'. Below the navigation bar, there are tabs for 'FLIS', 'Item Name', 'Multi NIIN', 'NIIN History', 'Characteristics', and 'Bill of Material'. The 'FLIS' tab is selected, and the 'Pick List' sub-tab is active. The main content area displays a 'Search Results' section with a 'Record Count: 17; Part Number: 123'. Below this, a table lists 17 items with columns for 'Part', 'CAGE', 'NIIN', and 'Item Name'. To the right of the table, there are two buttons: 'Download in Excel' and 'Download in Word'. Red arrows point to these buttons. A 'Submit Selection' button is also visible above the table. A note below the buttons states 'Select no more than 25 NIINs'.

Part	CAGE	NIIN	Item Name
123	17228	012562871	CIRCUIT BREAKER
123	37239	009671004	VALVE,GLOBE
123	10646	001988054	STONE,SHARPENING
123	09770	006895424	GEAR ASSEMBLY
123	37239	009671003	VALVE,GLOBE
123	22421	001521094	BUSHING,ELECTRICAL CONDUIT
123	59730	001521094	BUSHING,ELECTRICAL CONDUIT
123	37239	002747391	VALVE,GLOBE
123	37239	002875544	VALVE,GLOBE
123	02978	006577468	CURTAIN
123	37239	002747392	VALVE,GLOBE

Selecting **Download in Excel** or **Download in Word** will open a pop-up window. The user may choose to save or open the document or spreadsheet. Once opened, the information can be printed using normal MS Word or MS Excel application actions.

4.1.4 File Appearance in MS Word or MS Excel

When pick list is downloaded in MS Excel, user will notice that there is # sign attached to the values. The reason is when data is transferred to MS Excel, the process drops leading zeros.

Note:

In Figure 18 that both the part numbers and NIINs have leading zeros.

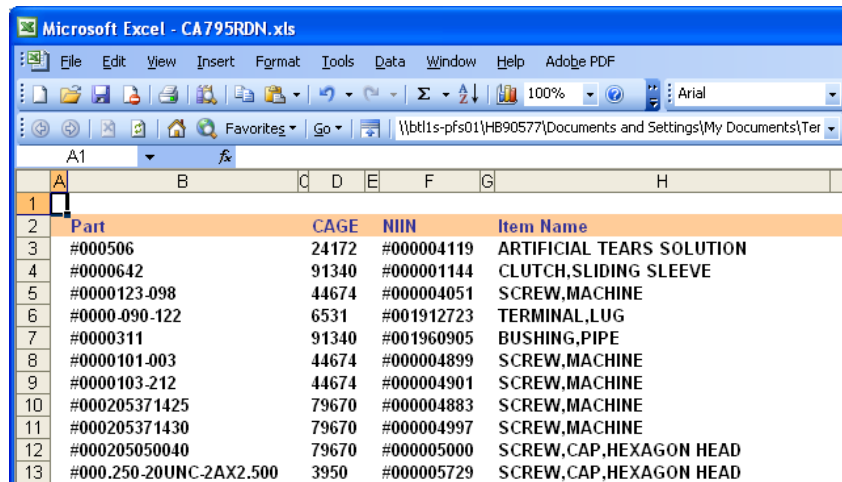
Figure 18, Leading Zeros in FIXR

The screenshot shows the FIXR - Federal Item X-Reference web application. The header includes the Department of Defense seal, the title "FIXR - Federal Item X-Reference", and links for "Change Password", "Edit", "Logout", and "Help". A navigation bar contains tabs for "FLIS", "Item Name", "Multi NIIN", "NIIN History", "Characteristics", and "Bill of Material". Below this is a sub-navigation bar with "Parameter Entry", "Pick List", "Medical Pick List", "Sched B Pick List", and "Report Details". Two buttons, "Download in Excel" and "Download in Word", are visible. The main content area is titled "Search Results" and includes a "Submit Selection" button and a warning "Select no more than 25 NIINs". Below this, a table displays search results with columns for Part, CAGE, NIIN, and Item Name. A red arrow points to the NIIN field of the first row, highlighting the leading zeros. The footer shows the date "Tuesday, December 9 2008" and the user ID "HB91319".

Part	CAGE	NIIN	Item Name
150	33216	002270162	VALVE,GLOBE
150	61178	000002573	DISPENSING PUMP,HAND DRIVEN
150	48422	002627020	VALVE,GLOBE
1500	24446	000002155	THINNER,PAINT PRODUCTS
150000	5771	004125080	CLUTCH HALF,POSITIVE,NONVEHICULAR
150000	64959	004125080	CLUTCH HALF,POSITIVE,NONVEHICULAR
150000	65325	004125080	CLUTCH HALF,POSITIVE,NONVEHICULAR
1500007-1	71379	000000830	TOWBAR,AIRCRAFT
150-001-E-015REVG	11839	000003148	DISTILLATION UNIT,WATER,STEAM OPERATED
150-001-E-015REVG1	03950	000003148	DISTILLATION UNIT,WATER,STEAM OPERATED
150-002284	26916	000002443	MODULATOR-POWER SUPPLY

To ensure leading zeros are not dropped during download, RMDE database inserts a “#” (pound sign) in front of NIIN and Part Number fields. The # sign can be removed, see section 6.1.4.1.

Figure 19, Spreadsheet Download with Pound Sign

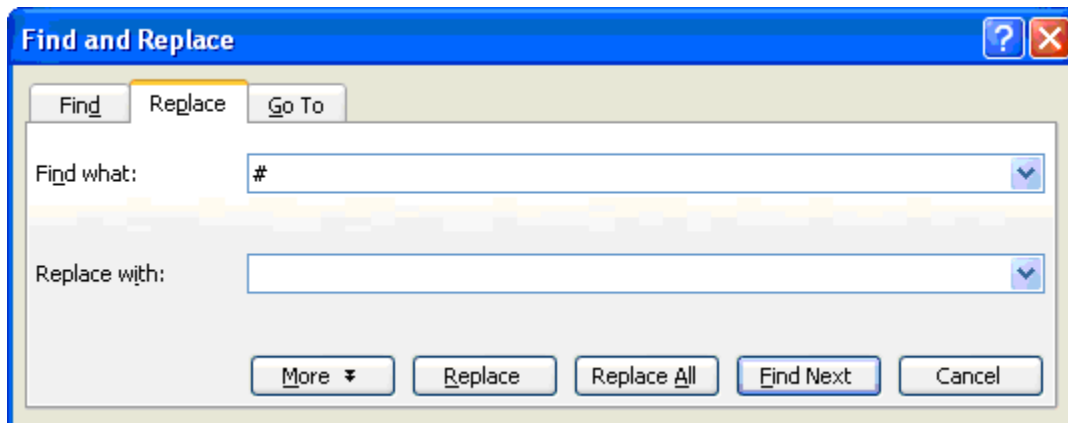


	Part	CAGE	NIIN	Item Name
3	#000506	24172	#000004119	ARTIFICIAL TEARS SOLUTION
4	#0000642	91340	#000001144	CLUTCH,SLIDING SLEEVE
5	#0000123-098	44674	#000004051	SCREW,MACHINE
6	#0000-090-122	6531	#001912723	TERMINAL,LUG
7	#0000311	91340	#001960905	BUSHING,PIPE
8	#0000101-003	44674	#000004899	SCREW,MACHINE
9	#0000103-212	44674	#000004901	SCREW,MACHINE
10	#000205371425	79670	#000004883	SCREW,MACHINE
11	#000205371430	79670	#000004997	SCREW,MACHINE
12	#000205050040	79670	#000005000	SCREW,CAP,HEXAGON HEAD
13	#000.250-20UNC-2AX2.500	3950	#000005729	SCREW,CAP,HEXAGON HEAD

4.1.4.1 Remove Pound Sign in Word

In MS Word, navigate to the main menu, select Edit\Replace and enter a pound sign “#” in the *Find what:* field and enter nothing (leave it blank) in the *Replace with:* field. Click **Replace All**.

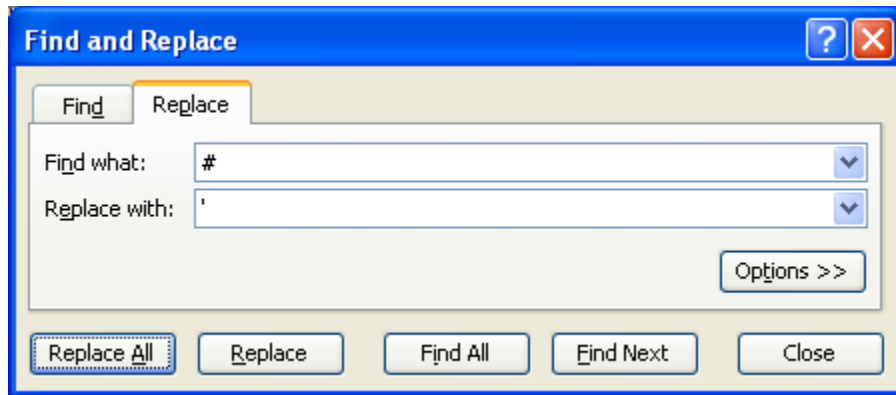
Figure 20, Remove Pound Sign in Word



4.1.4.2 Remove Pound Sign in Excel

In MS Excel, navigate to the main menu, select Edit\Replace and enter a pound sign “#” in the *Find what:* field and enter an apostrophe in the *Replace with:* field. Click **Replace All**.

Figure 21, Remove Pound Sign in Excel



4.2 Tips for Using FIXR

All Parameter Entry fields display the last value entered in the user's current session. If a field is clear, it will remain clear until a value is added. In some instances, a field is pre-populated from another tab search. For example: the **NIIN History Tab** NIIN field pre-populates a NIIN number from a **FLIS Inquiry** previously performed.

4.2.1 Errors

Any errors involving text field entries will be prompted with an error once **Submit** or **Search** has been clicked. The error will indicate which field has the error and what type of error it is. The invalid entry will remain in the text field until it is replaced or removed.

4.3 Pick list

Pick lists provide multi-select capability via checkboxes and a **Submit Selection** button. Users may make a maximum of 25 selections, proceed to the Report Detail screen, and view the selections checked. An error message will be displayed if the maximum number of selections is exceeded. This functionality applies to Part Number, CAGE/Part and Characteristics search capabilities.

4.4 Report Detail

All Report Detail screens will include a display of the current date, the User ID of the Current User and page number as shown in Figure 22 below.

Figure 22, Report Detail Screen

Go Back to Main Page

Download in Excel Download in Word

Search Results Submit Selection

Select no more than 25 NIINs

Record Count: 17; Part Number: 123

Part	CAGE	NIIN	Item Name
123	17228	012562871	CIRCUIT BREAKER
123	37239	009671004	VALVE,GLOBE
123	10646	001988054	STONE,SHARPENING
123	09770	006895424	GEAR ASSEMBLY
123	37239	009671003	VALVE,GLOBE
123	22421	001521094	BUSHING,ELECTRICAL CONDUIT
123	59730	001521094	BUSHING,ELECTRICAL CONDUIT
123	37239	002747391	VALVE,GLOBE
123	37239	002875544	VALVE,GLOBE
123	02978	006577468	CURTAIN
123	37239	002747392	VALVE,GLOBE

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4.4.1 Tool Tips

Tool Tips allow the user to see the corresponding Julian Date Value to date fields, or definitions to data elements in the Detail Report. A question mark will appear when the cursor is placed over the date field and a small popup box will appear with the appropriate information as shown below in Figure 23.

Figure 23, Tool Tips

HB90867 Custom Header

NIIN Detail Response for 000004148

Item Identification Data

FSC	NIIN	Item Name	EFF-DT
5960	000004148	ELECTRON TUBE	10-15-1991

FIG	INC	II	NIIN-ASGNT-DT	DEMIL	DEMIL-INTGY	CRIT-CD	HCC	PMIC	ADPEC	RPMRC	ESD-EM	HMIC	EFF-DT
T326-A	00001	K	05-18-1990	Q	0	N		U	0			P	10-15-1991

Reference Number Data

CAGE	PART	RNCC	RNVC	DAC	CRIT-CD	HCC	MSDS
97942	581R088H11	3	2	2			
85599	ZM6830B	5	2	5	SB		
33173	ZM6830B	5	9	5	SB		

Management Data/Phrase Data

MOE	USC	AAC	SOS	PRICE	UI	OUP	CHC	SLC	REP	MGMT-CNTL	EFF-DT	SLAC
DF	L	C	FFZ	\$81,218.59	EA	1	U	0	T	-O- -N	07-01-1990	

MOE	USC	P-CD	PHRASE-STATEMENT	OOB	JTC	OPA	UNIT-OF-MEAS	EFF-DT
DF	L	F	WHEN EXHAUSTED USE 59600000004147			0		07-01-1990

NIIN Standardization Data

RELATD-NUM	IC	NIIN-STATS-CODE	STBYN-REGISTR-OPC	STBYN-REGISTR-DT

THE ITEM DOES NOT HAVE A CRITICAL FEATURE SUCH AS TOLERANCE, FIT RESTRICTIONS OR APPLICATION. NUCLEAR HARDNESS PROPERTIES HAVE NOT BEEN DETERMINED (NOT VALID FOR INPUT).

4.4.2 Report Hyperlink Definitions

In any of the **Report Detail** screens, the user will see some titles in blue and underlined. These titles are hyperlinked to view their FLIS Volume 10 definitions. Clicking on the link will open a pop-up window displaying the title, a definition, and a list of valid codes.

Figure 24, Hyperlink Definitions

HB91319 Custom Header

FIXR - Federal Item X-Reference

2871

Table 181.
CRITICALITY CODE, FEDERAL ITEM IDENTIFICATION GUIDE

TABLE OF CODES WHICH INDICATES THAT AN ITEM IS TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT RESTRICTIONS, APPLICATION, NUCLEAR HARDNESS PROPERTIES OR OTHER CHARACTERISTICS WHICH AFFECTS IDENTIFICATION OF THE ITEM.

Code	Description
C	THE ITEM HAS CRITICAL FEATURES SUCH AS TOLERANCE, FIT RESTRICTIONS OR APPLICATION. NUCLEAR HARDNESS PROPERTIES HAVE NOT BEEN DETERMINED (NOT VALID FOR INPUT).
E	THIS ITEM IS AN AVIATION CRITICAL SAFETY ITEM/FLIGHT SAFETY CRITICAL AIRCRAFT PART (ACSI/FSCAP) AND IS SPECIALLY DESIGNED TO BE OR SELECTED AS BEING NUCLEAR HARD.
F	THE ITEM IS AN AVIATION CRITICAL SAFETY ITEM/FLIGHT SAFETY CRITICAL AIRCRAFT PART (ACSI/FSCAP).
H	THE ITEM IS SPECIALLY DESIGNED TO BE OR SELECTED AS BEING NUCLEAR HARD (I.E., IT WILL CONTINUE TO PERFORM ITS DESIGNED FUNCTION IN AN ENVIRONMENT CREATED BY A NUCLEAR EXPLOSION). THE ITEM DOES NOT HAVE

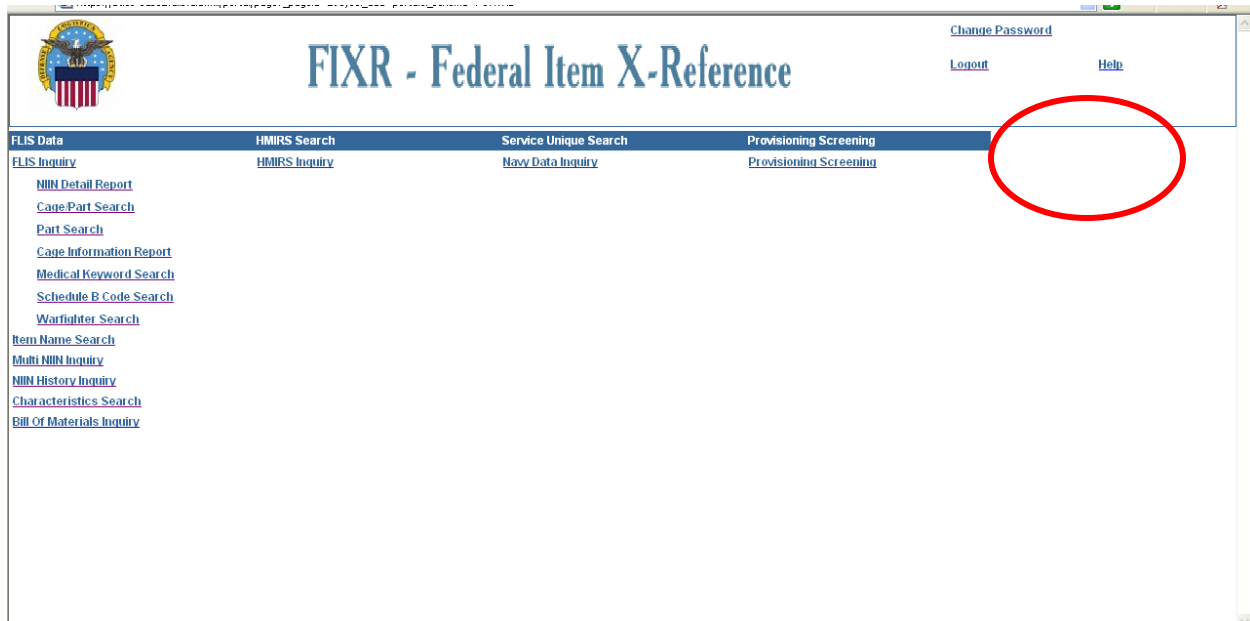
CRIT-CD	HCC	PMIC	ADPEC	RPMRC	ESD-EM	HMIC	EFF-DT
		A		4		P	10-15-1991

PMIC

5.0 FIXR Searches

A quick listing of all the searches is presented at the DLIS home page as shown previously in Figure 5. Note that some users won't have access to all searches. In such cases, the search will not appear on the screen as shown in Figure 25.

Figure 25, FIXR Main Page with Restricted Searches



5.1 FLIS Inquiry

Federal Logistical Information System (FLIS) is the primary computer system through which all users access, store, and retrieve necessary information related to an item of supply, and is generally considered the database of record. FLIS also provides the most complete information on contractors doing business with the U.S. Government. Since you are accessing the near real-time (data never older than six (6) hours) FLIS database through FIXR, you have the most current data on supply items and manufacturers and suppliers.

5.1.1 Parameter Entry

NIIN Detail Preferences allows the user to choose the type of information associated with a NIIN to be displayed in the Report Detail.

Parameter Entry allows the user to search and produce a report based on **NIIN**, **Part**, and/or **CAGE** number, Medical Keyword or conduct a search through a Warfighter system link. (The warfighter link is not active at this time).

Figure 26, FLIS Inquiry - Parameter Entry

The screenshot displays the 'FIXR - Federal Item X-Reference' web application. At the top, there is a header with the DLA logo and navigation links: 'Change Password', 'Edit', 'Logout', and 'Help'. Below the header is a tabbed menu with options: 'FLIS', 'Item Name', 'Multi NIIN', 'NIIN History', 'Characteristics', and 'Bill of Material'. The main content area is divided into two panels. The left panel, titled 'NIIN Detail Search Parameters', contains search fields for 'NIIN', 'Part', 'CAGE', 'Medical Keyword', 'Schedule B Code', and 'Warfighter Search: NSN / NIIN', each with a 'Search' button. The right panel, titled 'NIIN Detail Preferences', contains a list of data types with checkboxes, a 'Reference Number Sort' dropdown, a 'Custom Header' field, and a 'Save Preferences' button. The current user is identified as 'HB91319'.

5.1.1.1 NIIN Detail Preferences

The user should set their preferences and SAVE them before beginning the NIIN search. These preferences will remain the same until you save them again with new preferences.

To set the NIIN Detail Preferences:

1. Select the type of data to be displayed in the report by checking/un-checking the check box next to the title of information.
2. Select a **Reference Number Sort**
3. Enter **NIIN Detail Search Parameters**
4. Enter **Customer Header** to be displayed on the report screen
5. Select **Output Format** of report
6. Click **Save Preferences**

The user can select/deselect the types of information associated to a NIIN displayed in a FLIS Inquiry **Report Detail** by checking/un-checking the box next to any of these titles of information:

- Item Identification Data
- Reference Number Data
- Management/Phrase Data
- Major Organizational Entity (MOE) Rule Decoded Data
- Major Organizational Entity (MOE) Rule Coded Data
- Class of Supply Data
- Decoded Characteristics
- Freight Data
- Packaging Data

- DLA Weapons System Data – (restricted)
- DAAS SOS Data
- Standardization Data
- I&S Family Data
- Coded Characteristics

Reference Number Sort determines how the displayed information will be ordered, by **CAGE**, **Part Number**, or **RNVC/RNCC**. Please refer to FLIS Volume 10, Table 14 for more details.

Custom Header is defaulted to the user's name that will appear at the top right of detail reports as well as HTML and PDF displays. It can be changed by:

1. Placing the cursor in the text box
2. Type the preferred heading text
3. Click **Save Preferences**

Current User displays the login name of the user currently logged into the system.

5.1.1.2 FLIS NIIN Search

To search for a NIIN in FLIS:

1. Enter a **NIIN**, **Part**, **CAGE and Part**, or **CAGE** number.
2. Click the corresponding **Search** button to execute each search.

Parameters to search for a NIIN in FLIS:

Note:

The **Part** number field may be searched using the wildcard "%". The % wildcard may be used multiple times and appear in any position of the search string. If the search value has special characters in the beginning (-, +, &, #, @, !, etc.) that will generate error message and will instruct user to go back to search enter valid values. Candidate part number in the database for comparison.

Example: %34 might yield 1234, 8834, 1&34, etc. will be produce the reports since these are valid values and does not start with special character.

- **NIIN** – Must be a numerical value up to nine digits. Any value entered that is less than 9 digits will be left-padded with zeroes.
- **Part** – Can be a numeric or alphanumeric.
- **CAGE and Part** – Both fields must be filled out in order to perform this search. The search results will produce a pick list of NIINs that match the CAGE and Part number.
- **CAGE** – Must be a numerical/alpha value up to five digits. Entering a CAGE code should result in the display of the CAGE Detail report in a separate browser window.
- **NIIN Search** – A specific NIIN search generates a Detail Report.
- **Part and/or Cage number Search** – enter part and or CAGE number criteria as described above to produce a Pick List.
- **Medical Keyword Search** – enter a Medical keyword and search produces a NIIN Pick List of medical items from the medical FSGs with the MRC of CXC Y.
- **Schedule B Code Search:** Enter a schedule code in search and it will produce a pick list which shows all the NIINS which has the specific schedule code attached.
- **Warfighter Search** – The warfighter link is not active at this time.

5.1.1.2.1 Medical Keyword Search

The Medical Keyword Search is designed as a limited keyword search for NIINs with an MRC of CXCY assigned to the medical federal supply groups. By entering a keyword as shown in Figure 27 and clicking on Search, a pick list of NIINs containing the keyword in the Item Name is presented as shown in Figure 28.

Figure 27, Entering Data in the Medical Keyword Search Field

The screenshot displays the FIXR - Federal Item X-Reference web application interface. At the top, there is a header with the application title and navigation links. Below the header, a tabbed menu allows users to switch between different views. The main content area is divided into two panels: 'NIIN Detail Search Parameters' on the left and 'NIIN Detail Preferences' on the right.

NIIN Detail Search Parameters:

- NIIN:** A text input field with a 'Search' button.
- Part:** A text input field with a 'Search' button.
- CAGE:** A text input field, followed by **Part:** another text input field and a 'Search' button.
- CAGE:** A text input field with a 'Search' button.
- Medical Keyword:** A text input field containing the word 'gauze' and a 'Search' button.
- Schedule B Code:** A text input field with a 'Search' button.
- Warfighter Search:** A section with **NSN / NIIN:** text input field, a 'Submit' button, and a 'Clear All' button.

NIIN Detail Preferences:

- A list of data fields with checkboxes, all of which are checked:
 - Item Identification Data
 - Reference Number Data
 - Management/Phrase Data
 - MOE Rule Decoded Data
 - MOE Rule Coded Data
 - Class of Supply Data
 - Decoded Characteristics
 - Freight Data
 - Packaging Data
 - DLA Weapons System Data
 - DAA8 SOS Data
 - Standardization Data
 - I&S Family Data
 - Coded Characteristics
- Reference Number Sort:** A dropdown menu set to 'RNCC/RNVC'.
- Custom Header:** A text input field containing 'HB91319 Custom Header'.
- Current User:** A text label showing 'HB91319'.
- A 'Save Preferences' button.

Figure 28, Medical Keyword Search Pick List

The screenshot shows the 'Medical Keyword Search Pick List' interface. At the top, there is a header with the FIXR logo and navigation links: 'Change Password', 'Edit', 'Logout', and 'Help'. Below the header is a tabbed menu with options: 'FLIS', 'Item Name', 'Multi NIIN', 'NIIN History', 'Characteristics', and 'Bill of Material'. The 'Medical Pick List' tab is selected. Below the menu, there are buttons for 'Download in Excel' and 'Download in Word'. The main content area is titled 'Search Results' and displays 'Keywords: GAUZE; Record Count: 1'. A 'Submit Selection' button is present. Below this, a table lists the search results:

NIIN	Item Name
011534559	NU GAUZE PACKING STRIPS

A checkbox is visible next to the item name.

As with any pick list, clicking on the individual NIIN hyperlink will present a NIIN Detail Report. Alternatively, selecting multiple check boxes and clicking on the **Submit Selection** button will provide detail reports for each of the NIINs selected.

5.1.1.2.2 Schedule B Code Search

User can enter schedule B code and click on search button as shown in Figure 29. Submitting the search will produce a pick list which consists of all the NIINs that has searched schedule code attached in Figure 30.

Figure 29, Schedule B Code Search

The screenshot shows the 'Schedule B Code Search' interface. It features a header with the FIXR logo and navigation links: 'Change Password', 'Edit', 'Logout', and 'Help'. Below the header is a tabbed menu with options: 'FLIS', 'Item Name', 'Multi NIIN', 'NIIN History', 'Characteristics', and 'Bill of Material'. The 'Sched B Pick List' tab is selected. The main content area is divided into two panels. The left panel, titled 'NIIN Detail Search Parameters', contains search fields for 'NIIN', 'Part #', 'CAGE', 'Medical Keyword', 'Schedule B Code' (with the value '000000000'), and 'Warfighter Search: NSN / NIIN'. The right panel, titled 'NIIN Detail Preferences', contains a list of checkboxes for various data fields: 'Item Identification Data', 'Reference Number Data', 'Management Phrase Data', 'MOE Rule Decoded Data', 'MOE Rule Coded Data', 'Class of Supply Data', 'Decoded Characteristics', 'Freight Data', 'Packaging Data', 'DLA Weapons System Data', 'DAAS SOS Data', 'Standardization Data', 'I&S Family Data', and 'Coded Characteristics'. Below these checkboxes are fields for 'Reference Number Sort' (set to 'RNCC/RNYC'), 'Custom Header' (set to 'HB91228 Custom Header'), and 'Current User' (set to 'HB91228'). There are also 'Save Preferences' and 'Clear All' buttons.

Figure 30, Schedule B Code Pick List

FIXR - Federal Item X-Reference

Go Back To Main Page

Download in Excel Download in Word

Schedule B Code Search Results

Submit Selection

Select no more than 25 NIINs

Record Count: 36; Schedule B Code: 0000000000

NIIN	Schedule B Code	
000000018	0000000000	<input type="checkbox"/>
000000021	0000000000	<input type="checkbox"/>
000000062	0000000000	<input type="checkbox"/>
000000116	0000000000	<input type="checkbox"/>
0000002010	0000000000	<input type="checkbox"/>
0000002020	0000000000	<input type="checkbox"/>
0000002050	0000000000	<input type="checkbox"/>
0000002080	0000000000	<input type="checkbox"/>
0000002090	0000000000	<input type="checkbox"/>
000002443	0000000000	<input type="checkbox"/>
000003080	0000000000	<input type="checkbox"/>

If no records are found then following message is displayed as shown in Figure 31.

Figure 31, Schedule B Code Search Pick List

FIXR - Federal Item X-Reference

Go Back To Main Page

Download in Excel Download in Word

Schedule B Code Search Results

Submit Selection

Select no more than 25 NIINs

Record Count: 0; Schedule B Code: 9%

No Records Found

Note:

Searching for any special character or having a special character in the beginning of search values will produce error page which is shown in following screen print, Figure 33.

Figure 32, Special Character Search

Figure 33, Error Page is Displayed

5.1.2 Pick list

The **Pick list** screen displays multiple NIINs resulting from the **Parameter Entry** screen search. The screen displays the **Part**, **CAGE**, **NIIN**, and **Item Number** of each result. The user can select one NIIN by clicking on the NIIN number link, or can select multiple NIINs by checking the boxes to the right of the entries and clicking **Submit Selection**.

The **Pick list** screen also displays the supplied search criteria (Parameter Entry Title) and the number of records found (Parameter Entry Search Details) for the search.

The **Pick List** only displays the first 1,000 records. See the Parameter Entry Search Details line for the total records count. If you do not find the data you are searching for, narrow your search criteria so that fewer matches appear in the pick list. For instance, if you perform a search on

“Antenna” you will match on over 3000 item names. By adding more to the search criteria, such as “Antenna Mount” 25 item names appear.

Figure 34, FLIS Inquiry - Parameter Entry

The screenshot shows the FIXR - Federal Item X-Reference web application. At the top, there is a navigation bar with tabs for FLIS, Item Name, Multi NIIN, NIIN History, Characteristics, and Bill of Material. Below this is a sub-navigation bar with tabs for Parameter Entry, Pick List, Medical Pick List, Sched B Pick List, and Report Details. The main content area displays search results for the term 'Antenna'. The results are presented in a table with columns for Part, CAGE, NIIN, and Item Name. The table lists 15 items, including various valves, dispensing pumps, thinners, and clutch halves. To the right of the table, there are checkboxes for each item. Above the table, there is a 'Search Results' heading, a 'Submit Selection' button, and a note that says 'Select no more than 25 NIINs'. Below the table, there is a date and time stamp 'Tuesday, December 9 2008' and a page number '1'.

Part	CAGE	NIIN	Item Name
150	33216	002270162	VALVE,GLOBE
150	61178	000002573	DISPENSING PUMP,HAND DRIVEN
150	48422	002627020	VALVE,GLOBE
1500	24446	000002155	THINNER,PAINT PRODUCTS
150000	57712	004125080	CLUTCH HALF,POSITIVE,NONVEHICULAR
150000	64959	004125080	CLUTCH HALF,POSITIVE,NONVEHICULAR
150000	65325	004125080	CLUTCH HALF,POSITIVE,NONVEHICULAR
1500007-1	71379	000000830	TOWBAR,AIRCRAFT
150-001-E-015REVG	11839	000003148	DISTILLATION UNIT,WATER,STEAM OPERATED
150-001-E-015REVG1	03950	000003148	DISTILLATION UNIT,WATER,STEAM OPERATED
150-002284	26916	000002443	MODULATOR-POWER SUPPLY

5.1.3 Report Detail

The **Report Detail** screen displays the NIIN selected.

A **Single NIIN** selected from the **Pick list**, by clicking the NIIN link, displays the full NIIN Detail of that individual NIIN in HTML format. The top of the NIIN detail report will display the response and the option to display in PDF as shown in Figure 35.

Figure 35, NIIN Detail Report Heading for a Single NIIN

The screenshot shows the heading of a NIIN Detail Report. It features a large blue title 'NIIN Detail Response for 000004062'. Below the title, there are two options: 'Display HTML: See Below HTML Output' and 'Display PDF: [000004062](#)'.

Multiple NIINs selected from the **Pick list** will show the full detail of the first NIIN in the list, while links to other NIINs will be displayed below the “NIIN Detail Response for xxx” title. Note that the links can display either HTML or PDF formats as shown below.

Figure 36, NIIN Detail Report Heading for Multiple NIINs

NIIN Detail Response for 000004900
Display HTML: 000004900 000004062 009671009 006577468
Display PDF: 000004900 000004062 009671009 006577468

The intent of the Multi-Select NIIN Parameter list is to process the selected list in order and display the NIIN Detail Report for the first NIIN in the list. The complete multi-select list is then available as hyperlinks in that report. If subsequent NIINs in that list are clicked and opened, the same NIIN list is passed on to the next instance of the report to ensure that the user always has access to the list of NIINs originally selected. Otherwise, the integrity of the list is compromised as the user opens subsequent instances of the report.

Note:

The overall approach of the FIXR Portal is to create a common set of session search parameters that are shared across the application. For example, if a NIIN is entered as a parameter on the FLIS Inquiry Screen, the same NIIN will be supplied as a default in any other search screen that uses NIIN. The user may use that NIIN or choose a different NIIN on the Parameter Entry Screen

The **Report Detail** screen is sectioned into two main frames:

- **Bookmarks** – located on the left hand side to provide the user with quick access to data within the NIIN Report Detail. The Bookmark left frame gives the user an outline of the Report Detail screen and the ability to link to each desired section of the report. By clicking on a link in the Bookmark frame, the section clicked on will appear in the right side Main Frame.
- When appropriate, an **indented list of useful business keys** is display to further aid in navigating to items of interest. These indentures are available for CAGE/PART combinations in the Reference Number Data section, MOE Code/Using Service Code combinations for the Management Data section and MOE Rule codes for the MOE Rule Data section.
- **Main Page Frame** – Contains the details of the specified NIIN. This includes only the information selected in the NIIN Detail Preferences.

5.1.3.1 Report Detail Sections

The Report Detail Response Figure 37 may have up to eleven sections depending on which **NIIN Detail Preferences** were selected in the **Parameter Entry Screen**. Each section can have multiple data fields and entries. If there is no data in a given section, no information will be displayed.

Future Effective dated rows will be shown in-line with current data for comparison purposes and will be flagged with a Capital Red 'F'. A mouse over of this 'F' will result in a tool tip displaying the DCN information for that future record.

Segment K Cancel/Status information for NIINs with a NIIN Status Code greater than 1 is also displayed. This section will appear at the top of the report. If replaced, the replacement NSN is shown and will be hyperlinked to display the NIIN Detail Report for that NIIN.

- **Reference Number Data** section has CAGE numbers hyperlinked to display the CAGE Detail Report in a separate browser window.
- **Management Data** section data should always be sorted based on the following: Lead or Managing Service Line first, the regular line for that service and then all other alphabetically by MOE Code.
- **Formatted Management Control** strings are provided for each line of management data and serve as a hyperlink to see the field level detail behind each service peculiar string. This detail is presented in a report displayed in a separate browser window. There is one report for each service.
- **Phrase Code** data will be listed (if present) for each line of management data and include Phrase Statements generated based on FLIS Volume 10, Table 52. Any I&S related Phrase Codes will be sorted based on the Master NIIN first and then based on Order of Use Code Descending.
- **MOE Rule Data** section will include both Coded and Decoded MOE Rule information including supplemental Collaborators, Receivers and Depot Source of Repair (DSOR) at the NIIN MOE Rule level as well as the Authorized Collaborator and Receivers associated at the MOE Rule level. In all cases the activity codes for each of these will be display horizontally for each type.
- **Interchangeability and Substitutability Data** (I&S) section will display I&S Data for the current NIIN if the current NIIN is a Master. If the current NIIN is not the Master, the report will display the I&S data from the Master NIIN. The current NIIN will be italicized in the Family context presented and an indicator will show the Master NSN next to the section heading.
- **Packaging Data** will employ the business rules documented in FLIS Volume 10, Table 182 for presentation purposes.

Figure 37, FLIS Inquiry - Report Detail

The screenshot displays the FIXR - Federal Item X-Reference web application. The top navigation bar includes links for Change Password, Edit, Logout, and Help. Below the navigation bar is a tabbed interface with tabs for FLIS, Item Name, Multi NIIN, NIIN History, Characteristics, and Bill of Material. The main content area is titled "NIIN Detail Response for 000002079" and contains several sections of data:

Reference Number Data

CAGE	PART	BNCC	BNVC	DAC	RNAAC	RNEC	RNSC	RNJC	SADC	HCC	MSDS
33173	7163280P1	3	2	5	CX						
24446	7163280P1	5	2	X	XX	3	D				

NIIN Standardization Data

RELATED-NSN	ISC	NIIN-STATUS-CODE	STDZN-DECISION-ORG	STDZN-DECISION-DT
5970000002079	5	0	CX	08-01-1972

MOE Rule Coded Data

MOE-RL	MOE-RL-ASGN-D	AMC	AAC	AMSC	NIMSC	IMC	IMCA	FUT-DEL-DT	EFF-DT
G810	04-01-1991	0	L	0					04-01-1991

MOE Rule Decoded Data

MOE-RL	MOE-RL-ASGN-D	AMC	AAC	AMSC	NIMSC	IMC	IMCA	FUT-DEL-DT	EFF-DT
G810	04-01-1991	0	L	0					04-01-1991

Note:

Report data definitions can be referenced in sections 4.4.1 and 4.4.2 of this document, **Tool Tips** and **Hyperlink Definitions**.

5.2 Item Name Search

FIXR Item name search includes both approved and non-approved Item Names, along with Item Name Codes (INCs) in the FLIS database.

5.2.1 Parameter Entry

Parameter Entry allows the user to enter an **INC Number** or **Item Name Keyword** to search for and produce a report.

Item Name Keywords – Searches for keywords occurring in the item name or item name definition as shown in Figure 38.

- Key words - each keyword entered will be searched separately in the database. For instance, the words BOLT,SHEAR will prompt the system to find all item names with Bolt or Shear but not necessarily both in the item name. A RIVET,HI,SHEAR item name will appear in the pick list for a search on BOLT,SHEAR.
- Using “or” between the keyword search for each word individually. This is essentially the same search as entering multiple key words such as BOLT,SHEAR.
- And – using “and” between the keywords searches for the words individually and together
- Wildcard – using “%” in any section of a word will match the text entered plus all the words that have part of the entered keyword.

Figure 38, Item Name Parameter Entry

The screenshot displays the 'FIXR - Federal Item X-Reference' web application running in a Microsoft Internet Explorer browser. The browser's address bar shows the URL: https://bt11s-oas02.dls.dia.mil/portal/page?_pageid=310,1,310_494305:310_496305&_dad=portal&_schema=PORTAL. The application's header includes the Department of Defense seal, the title 'FIXR - Federal Item X-Reference', and links for 'Change Password', 'Edit', 'Logout', and 'Help'. A navigation bar contains tabs for 'FLIS', 'Item Name', 'Multi NIIN', 'NIIN History', 'Characteristics', and 'Bill of Material'. Below this, a sub-navigation bar highlights 'Parameter Entry' and includes links for 'Item Name Pick List', 'NIIN Pick List', and 'Report Detail'. The main content area is titled 'Item Name Search Parameters' and contains two search input fields: 'INC:' and 'Item Name Keyword(s):', each with a 'Search' button. A 'Clear All' button is located at the bottom right of the search area.

5.2.2 Item Name Pick list

Pick list displays multiple INCs to choose from as a result from the **Parameter Entry** screen after entering the word 'Screw' for example in the Item Name Keyword field. The user can choose to select one INC or several. To select one INC, click on the hyperlinked INC number.

Figure 39, Item Name Pick List

The screenshot shows the FIXR - Federal Item X-Reference web application. The top navigation bar includes links for Change Password, Edit, Logout, and Help. Below the navigation bar, there are tabs for FLIS, Item Name, Multi NIIN, NIIN History, Characteristics, and Bill of Material. The Item Name tab is selected, and the Item Name Pick List sub-tab is active. The search results are displayed in a table with columns for INC, Item Name, and Common/Trade Name(s). The results are filtered by the keyword 'Screw'.

INC	Item Name	Common/Trade Name(s)
00225	INSULATOR,STANDOFF	EYE SCREW (INSULATED)
00609	PROBE SUBASSEMBLY	SCREW ASSEMBLY PROBE ADJUSTER
00899	CAP,UTILITY	SHIP'S SCREW CAP
01039	DRILL,RATCHET	DRILL,HAND,FEED SCREW
01847	BOLT,MACHINE	DRILLING MACHINE,HAND POWERED,FEED SCREW
01852	SCREW,EXTERNALLY RELIEVED BODY	OVAL HEAD CROSS RECESS TRIM MACHINE SCREW (HEADER POINT)
01853	BOLT,EYE	OVAL HEAD CROSS RECESS MACHINE SCREW
01867	SCREW,WOOD	SCREW,SPADE
		BONE SCREW
		BOBBIN SCREW

ROW COUNT: 154; Keywords: Screw

Submit Selection

Select no more than 25 items

Download in Excel Download in Word

Page: 1

Clicking the 01853 INC number link displays the Item Name Detail in a new window.

Figure 40, Item Name Detail

The screenshot shows the Item Name Detail page for INC 01853, BOLT,EYE. The page includes a Definition section, a FIIG section, and an Assigned FSCs section.

INC
01853

Item Name
BOLT,EYE

Definition
An externally threaded device whose threaded portion is of one nominal diameter, without a head, but with the unthreaded end either bent more than 225 degrees (3.925 radians) or cast, forged, or punched to resemble an eye. See also BOLT, HOOK. Excludes CONNECTOR, ROD END.

FIIG: A003B0 **FSC Condition Code:** 2 **Item Name Code Status:** A

Assigned FSCs

FSC	Modifier
5306	test
5999	

Multiple INCs can be selected by checking the boxes to the right and clicking on **Submit Selection**.

5.2.3 NIIN Pick list

The NIIN Pick list will appear as a result of selecting multiple INCs. Single NIIN selection produces the Report Detail once a NIIN is selected and the user clicks Submit Selection.

Figure 41, Item Name - NIIN Pick List

The screenshot shows the FIXR - Federal Item X-Reference web application. The top navigation bar includes links for [Change Password](#), [Edit](#), [Logout](#), and [Help](#). Below the navigation bar, there are tabs for [FLIS](#), [Item Name](#), [Multi NIIN](#), [NIIN History](#), [Characteristics](#), and [Bill of Material](#). The [Item Name](#) tab is active, and within it, the [Item Name Pick List](#) sub-tab is selected. The main content area displays the **NIIN Search Results for Selected INCs** screen. It includes a [Go Back to Main Page](#) link and a [Submit Selection](#) button. The record count is 3, and the selected INCs are 00609, 00899, and 01853. A warning message states "Select no more than 25 NIINs". The table below lists the search results:

NIIN	FSC	INC	Item Name	
000634258	8405	00899	CAP, UTILITY	<input type="checkbox"/>
010156726	8410	00899	CAP, UTILITY	<input type="checkbox"/>
012598302	5306	01853	BOLT, EYE	<input type="checkbox"/>

At the bottom of the screen, the date "Monday, December 8 2008" and the user ID "HB91319" are displayed. A pagination control shows "Page: 1" with navigation buttons.

5.2.4 Item Name Report Detail

The **Report Detail** screen displays the NIIN details for NIINs selected from the Pick list. Multiple NIIN selection displays the first record in detail and provides links to the other NIINs selected. Links to the other NIINs appear below the "NIIN Detail Response for xxx" title.

Figure 42, Item Name Report Detail

FIXR - Federal Item X-Reference

Go Back to Main Page

HB91319 Custom Header

NIIN Detail Response for 000002079

Display HTML: [000002079 000033311](#)
 Display PDF: [000002079 000033311](#)

Reference Number Data

CAGE	PART	RNCC	RNVC	DAC	RNAAC	RNEC	RNSC	RNJC	SADC	HCC	MSDS
33173	7163280P1	3	2	5	CX						
24446	7163280P1	5	2	X	XX	3	D				

NIIN Standardization Data

RELATED-NSN	ISC	NIIN-STATUS-CODE	STDZN-DECISION-ORG	STDZN-DECISION-DT
5970000002079	5	0	CX	08-01-1972

MOE Rule Coded Data

MOE-RL	MOE-RL-ASGN-D	AMC	AAC	AMSC	NIMSC	IMC	IMCA	FUT-DEL-DT	EFF-DT
G810	04-01-1991	0	L	0					04-01-1991

SUPP-COLLAB:
 DSOR:
 SUPP-RCVR:

MOE Rule Decoded Data

MOE-RL	MOE-RL-ASGN-D	AMC	AAC	AMSC	NIMSC	IMC	IMCA	FUT-DEL-DT	EFF-DT
G810	04-01-1991	U	L	U					04-01-1991

- Reference Number Data
 - 33173-7163280P1
 - 24446-7163280P1
- NIIN Standardization Data
- MOE Rule Coded Data
 - G810
- MOE Rule Decoded Data
 - G810
- Coded Characteristics Data
- Decoded Characteristics Data
- Additional Attributes / Info
- WarFighter Link

5.3 Multi-NIIN Inquiry

Multi-NIIN Inquiry allows you to submit a batch of up to 2500 NIINs, resulting in a file that you can download to Excel or Word and generating a PDF file. You can continue to work in other sections of FIXR while you are waiting for your file to process. To ensure you can identify each file correctly, enter a unique file name and description in the boxes provided. You must also complete the NIIN preferences box and click the “SAVE OUTPUT PREFERENCES” button.

Multi-NIIN Inquiry will auto-populate with the current set of NIINs you have been using in the portal. If you wish to submit different NIINs, click in the Portlet box and enter or remove NIINs as needed. You can enter NIINs in a columnar format or string them all together in one line. (There is no need to put a comma in between the NIINs.) You can also cut and paste a batch of NIINs from Word or Excel into the Multi-NIIN Portlet.

A **Multi-NIIN Inquiry** is limited to 2,500 NIINs. Including more than 2,500 NIINs will cause an error and not provide any data.

Figure 43, Multi-NIIN Inquiry - NIIN Detail Preferences Form

The message window changes as FIXR searches the data sets. The message window will notify the user when the file is ready for viewing as shown in Figure 44.

Note:

The new “How To Download Data” hyperlink at the bottom center of the page. Clicking on this link will display an Adobe pdf document with detailed instructions on how to download data into Word, Excel or PDF formats. The Instructions can also be found in Appendix D.

Figure 44, Multi-NIIN Inquiry - Messages

At that point click the Check Requests button and the window at the bottom will display a link to the newly created file.

Figure 45, Multi-NIIN Inquiry - Check Requests

FLIS Item Name Multi NIIN Inquiry NIIN History Characteristics Bill of Material Go Back to Main Page

Multi-NIIN Inquiry Portal

000003510
000003139

File Name: CAGPYR63

Description: RDE Portal

Set Output Preferences

Submit Check Requests

Messages: No Pending Requests.

Multi-NIIN Inquiry Results

CAGPYR63.xml RDE Portal
Create Date: 18-MAR-2008
Expire Date: 28-MAR-2008 12:36 PM
Document Size: 16254 bytes

Clicking on the file name will produce a window with results as either the **Default XSL Stylesheet** or **Code Value Descriptions in XML** as chosen on **Output Preferences Page**. Figure 46 shows the results if **Code Value Descriptions in XML** is chosen.

Figure 46, Multi-NIIN Results in XML

https://bt11s-oas02.dlis.dla.mil/pls/portal/docs/PAGE/RDE_MAIN/MULTI_NIIN_INQ_TAB/DJW_DTE_TEST_2.XML - Microsoft Internet Explorer p

File Edit View Favorites Tools Help

Address https://bt11s-oas02.dlis.dla.mil/pls/portal/docs/PAGE/RDE_MAIN/MULTI_NIIN_INQ_TAB/DJW_DTE_TEST_2.XML

<?xml version="1.0" encoding="UTF-8" ?>
- <MultiNIIN RequestID="40" FileName="DJW_DTE_TEST_2.xml">
- <NinDetailResponse NIIN="013503555">
- <FLIS_SEG_K />
- <FLIS_SEG_A>
- <ItemIdentification NCB="01" ITEM="3503555" CURR_STATUS_FLAG="C">
- <NCB_CD_4130>01</NCB_CD_4130>
- <I_I_NBR_4131>3503555</I_I_NBR_4131>
- <ESD_EML_CD_2043 />
- <DT_NIIN_ASGMT_2180>14-DEC-91</DT_NIIN_ASGMT_2180>
- <DEMIL_CD_0167>A</DEMIL_CD_0167>
- <FSG_3994>83</FSG_3994>
- <FSC_WI_FSG_3996>15</FSC_WI_FSG_3996>
- <CRITL_CD_FIIG_3843>N</CRITL_CD_FIIG_3843>
- <FIIG_4065>A45400</FIIG_4065>
- <PINC_3084>0027660</PINC_3084>
- <INC_4080>27660</INC_4080>
- <ADPEC_0801 />
- <PMIC_0802>A</PMIC_0802>
- <RPDMRC_4765 />
- <TYP_II_4820>1</TYP_II_4820>
- <HMIC_0865>N</HMIC_0865>
- <RPLM_NSN_CANC_8875 />
- <HCC_2579 />
- <NIIN_STAT_CD_2670>0</NIIN_STAT_CD_2670>
- <EFF_DT_2128>14-DEC-91</EFF_DT_2128>
- <DCN>LAM-98-KX-BRIDGED-12/14/1991</DCN>
- </ItemIdentification>
- </FLIS_SEG_A>
- <FLIS_ENAC />
- <FLIS_COS>
- <ClassOfSupply NCB="01" ITEM="3503555">

Figure 47, Multi-NIIN Results in XSL Style

MULTI-NIIN Request ID: 1399 File Name: MMM_Test.xml

NIIN: 012562871

Schedule B

Item Identification

NIIN	FIIG	INC	II	ESD EM	NIIN ASGNT DT	DEMIL	FSC	CRIT CD	ADPEC	PMIC	RPDMRC	II	DEMIL INTGY	HMIC	HCC	EFF DT
012562871		00136	2		03-JUN-87	A	5925			A	4	2		P		15-OCT-91

Reference Number Data

CAGE	PART	RNCC	RNVC	DAC	RNAAC	RNFC	RNSC	RNJC	SADC	HCC	MSDS
17228	123	3	2	5	TX						

Management Data

MOE	USC	EFF-DT	MOE	USC	AAC	SOS	PRICE	UI	QUP	CIIC	SLC	MGMT_CNTL
DS	D	01-JUN-05	DS	DD	J	SMS	28.81	EA	0	U	0	C
DN	N	01-JUN-05	DN	NN	J	SMS	28.81	EA	0	U	0	C

NIIN Standardization Data

RELATED NSN	ISC	NIIN-STATUS-CODE	STDZN-DECISION-ORG	STDZN-DECISION-DT
5925012562871	5	0	97	03-JUN-87


5.4 NIIN History

NIIN History can be used to search information about NIIN changes over time. Unique to FIXR, NIIN History allows the user to see how different segments of data have changed providing Logisticians valuable information not previously available in an online application. (Some NIINs will have partial information only and a message will appear if this condition exists).

To search the history of a NIIN as of a specific date:

1. Enter a **NIIN** – Must be a numerical value up to nine digits as shown in Figure 48. Any value entered that is less than 9 characters will be left-padded with zeroes.
2. Click **Search**

Figure 48, NIIN History - Parameter Entry



FIXR - Federal Item X-Reference

[Change Password](#) [Exit](#)
[Logout](#) [Help](#)

[Go Back to Main Page](#)

FLIS Item Name Multi NIIN **NIIN History** Characteristics Bill of Material

Parameter Entry Pick List Report Detail

NIIN_HIST_SRCH_PORTLET

NIIN:

Note:

If the NIIN field is left blank or entered incorrectly, an error will appear and the user will need to re-enter the information.

5.4.1 Pick list

In the Pick list, the dates of changes made on the NIIN are displayed as well as the segment in which the change was made. Click on the desired date to obtain the NIIN history results for that period of time as shown in Figure 49.

Figure 49, NIIN History Pick List

The screenshot shows the FIXR - Federal Item X-Reference application interface. At the top, there is a header with the application name and navigation links. Below the header, there is a tabbed menu with options like FLIS, Item Name, Multi NIIN, NIIN History, Characteristics, and Bill of Material. The 'NIIN History' tab is selected. Below the tabs, there is a sub-menu with 'Parameter Entry', 'Pick List', and 'Report Detail'. The 'Pick List' option is selected. The main content area displays the title 'NIIN History Response for 014169134' and a table with three columns: NIIN, Change Date, and Segment Changed. The table lists eight rows of data for the NIIN 014169134, showing various change dates and segments.

NIIN	Change Date	Segment Changed
014169134	10/01/2001	H
014169134	10/01/2001	H
014169134	09/24/2001	B
014169134	02/22/2001	A
014169134	02/08/1996	W
014169134	07/27/1995	B
014169134	07/27/1995	C

5.4.2 NIIN History Report Detail

The **Report Detail** displays all the FLIS data that was present on the specified date for that specified NIIN.

The titles can also be data that has changed over time, and the Report Detail will display what the title was on the specified date. Note the example **below** that the NIIN History **Report Detail** shows that the NIIN is Canceled and the effective date of the NIIN status code being changed to '5' was 06-01-2006. By going back to the pick list, other dates in time can be selected.

Note:

“Only Partial Data May be Available before May 23rd, 2006,” the date the data warehouse began to accumulate history. A reminder notice will display on the note on the screen for historical dates selected prior to May 23rd, 2006.

In some cases, the available historical data loaded into RMDE was incomplete. When an ‘as-of’ date was unavailable, a date of 01/01/1961 was inserted in the ‘as-of’ date field to permit RMDE to correctly process date ranges.

Figure 50, NIIN History - Report Detail

Federal Item X-Reference

[Change Password](#) [Edit](#)
[Logout](#) [Help](#)

[Go Back to Main Page](#)

[Display PDF Report](#)

NIIN Detail Response for 014169134 as of 10/01/2001 HB91319 Custom He

Only Partial Data May be Available before May 23rd, 2006

Item Identification Data

FSC	NIIN	Item Name	EFF-DT
6605	014169134	SENSOR,INERTIAL SYSTEM NAVIGATION	07-27-1995

Reference Number Data

FIG	INC	II	NIIN-ASGNT-DT	DEMIL	DEMIL-JNTGY	CRIT-CD	HCC	PMIC	ADPEC	RPMRC	ESD-EM	HMIC	EFF-DT
T261-A	48745	M	07-27-1995	A		X		A	0	3		P	07-27-1995

CAGE	PART	RNCC	RNVC	DAC	RNAAC	RNEC	RNSC	RNJC	SADC	HCC	MSDS
02387	5150	3	2	5	KE						

5.4.3 Pre-Cancellation Data

When Pre-Cancellation data is available on a canceled NIIN, a **View Pre-Cancellation Data** hyperlink is provided towards the top of the NIIN detail page. Clicking the hyperlink will provide a new window displaying the NIIN detail report as of the day before the NIIN status code was changed to a canceled status.

5.4.4 Federal Item Logistics Data Record (FILDR) Data

Figure 51, FILDR History

NIIN Detail Response for 000000041 as of 04/18/1991

Only Partial Data May be Available before May 23rd, 2006

Item Identification Data

FSC	NIIN	Item Name	EFF-DT
8905	000000041	No Item Name Available	05-24-1979

NIIN Standardization Data

RELATED NSN	FSC	NIIN STATUS CODE	STDZN DECISION ORG	STDZN DECISION DT
-------------	-----	------------------	--------------------	-------------------

Decoded Characteristics Data

MRC	Requirement Statement	Clear Text Reply
FILDR AGUC	UNIT PACKAGE QUANTITY	1
FILDR AGXW	PHYSICAL FORM	SOLID PACK
FILDR AGXZ	UNIT PACKAGE TYPE	CAN, VACUUM
FILDR AGYA	CAN SIZE	ANY ACCEPTABLE
FILDR AGYD	UNIT PACKAGE WEIGHT	3.13 POUNDS
FILDR ALHF	PREPARATION TYPE	BONED AND ₂ COOKED AND ₂ SKINLESS
FILDR ALIJ	OPTIONAL INGREDIENT	SEASONING
FILDR FEAT	SPECIAL FEATURES	HIGH COMMERCIAL GRADE

Historical characteristics data located in the FLIS FLIDR file is available in FIXR. When historical characteristics data drawn from the FILDR is displayed, the entries have a “FILDR” designation at the beginning of the decoded characteristics entry as shown in Figure 51 above .

5.5 Characteristics Search

Characteristics Search is used to search FLIS data by characteristics of keywords within a NIINs data. FIXR will search all relevant Item Name, MRC and Clear Text Reply data for an individual NIIN and enables the user to narrow the scope of their search by selecting a specific subset of the data to search in the ‘Search Within’ box on the screen. The initial search window allows the user the option to enter both Characteristics Search keywords and Item Name Keywords. The user can choose to search for all keywords or search for a phrase search (similar to the exact keyword search) or search for at least one keyword. One or both fields can be used for any given search.

5.6 Field Search

Field Search is used to for characteristics data or item name. Each search field is explained below.

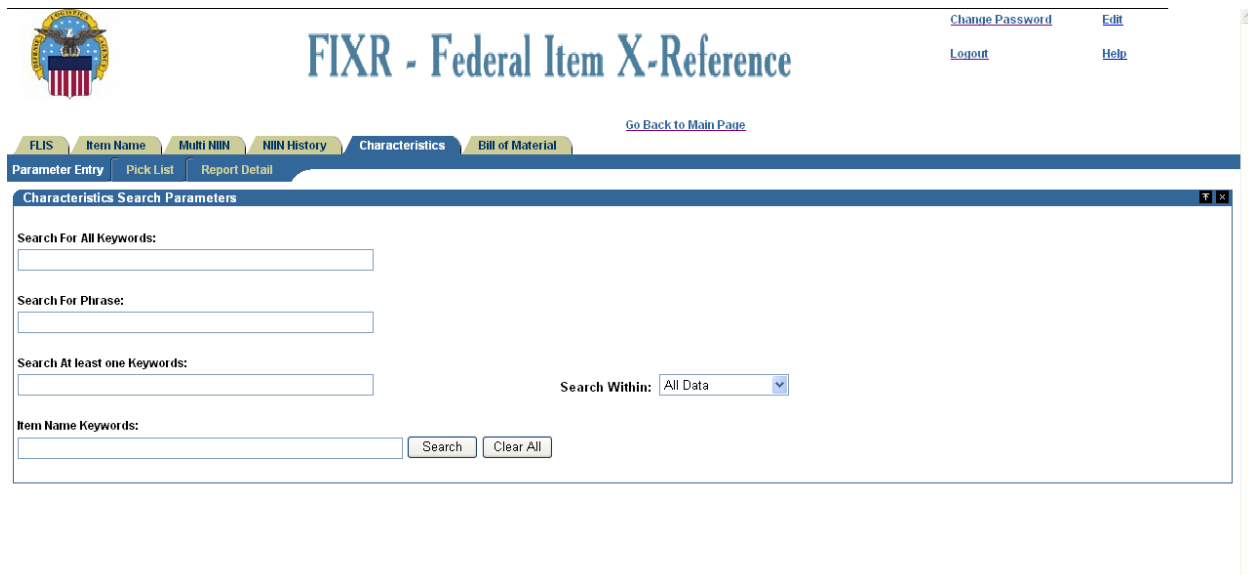
- **Search for All Keywords:** All keywords must be present in Characteristics data. For example, if the search string is ‘color pencils’, the search is performed as ‘color and pencils’. These two words do not need to be in exact order. These words can be present anywhere and in any order in the Characteristics Data.

- **Search for Phrase:** The search is performed for the exact order of keywords given by the user. If one or more keywords are missing, that record is not displayed on the report.
- **Search At Least One Keyword(s):** At least one keyword must be present in Item Name information and Characteristics data before a record will be displayed in the report. For Example, if the search is 'color pencils' the search is performed as 'color or pencils'. Both words do not have to be present. If one keyword is present anywhere in the Item Name information and Characteristics data, the record is displayed.
- **Item Name Keyword:** This search is used to limit the scope of NIINs being searched by including only those NIINs that have an Item Name containing the provided keywords or otherwise matching the entered search criteria.

To search for a NIIN by its characteristics:

1. Enter **Characteristics Search Keywords**
 - All Keywords
 - Phrase
 - At least One Keyword
2. Select to **Search Within:** All Data, MRC Data, or Clear Text Replies
3. Enter **Item Name Keywords**
4. Click **Search**

Figure 52, Characteristics Search - Parameter Entry



The screenshot shows the FIXR - Federal Item X-Reference web application. At the top, there is a header with the Department of Defense seal on the left, the title "FIXR - Federal Item X-Reference" in the center, and links for "Change Password", "Edit", "Logout", and "Help" on the right. Below the header is a navigation bar with tabs for "FLIS", "Item Name", "Multi NIIN", "NIIN History", "Characteristics", and "Bill of Material". The "Characteristics" tab is currently selected. Under the "Characteristics" tab, there are sub-tabs for "Parameter Entry", "Pick List", and "Report Detail". The "Parameter Entry" sub-tab is active, displaying the "Characteristics Search Parameters" form. The form contains four input fields: "Search For All Keywords:", "Search For Phrase:", "Search At least one Keywords:", and "Item Name Keywords:". To the right of the "Search At least one Keywords:" field is a "Search Within:" dropdown menu set to "All Data". At the bottom of the form are "Search" and "Clear All" buttons.

Note:

Enter information into any one of the **Characteristics Search Keywords** fields, or **Item Name Keywords**, or both.

5.6.1 Characteristics Search Parameters

Search for FLIS characteristics information by entering parameters to produce a report.

Characteristics Search Keywords – Searches for a characteristic of an item.

The **Search Within** selection allows the user to select where the keyword searches perform a search of the data. There are three areas of information to choose from:

- **All Data** – Incorporates all the data captured for a NIIN in FLIS.
- **MRC Data** – Master Requirement Code and definition that identifies item characteristics. For example, the MRC ABNM has a requirement to answer the 'Thickness' of the item of supply.
- **Clear Text Replies** – A group of data consisting of homogeneous data elements in decoded or clear text format which are the description portion of an item of supply or NIIN. For example on a hypothetical NIIN the MRC AAUB or Hole Diameter clear text reply could be 0.183 Inches Minimum and 0.196 Maximum.

Item Name Keywords – Searches for keywords occurring in item name, description and definition.


Item Name search can be used to limit the results of the **Characteristic Search**.

- Key words - entering one or more keywords will search for each word entered individually
- And – using “and” between the keywords searches for the words individually and together
- Or – using “or” between the keywords searches for individually
- Wildcard – using “%” in any section of a word will match the text entered plus all the words that have part of the entered keyword.

5.6.1.1 Using the “Fuzzy” Operator to Identify Misspellings

The following is an example of how FIXR can be used to successfully find occurrences of specific terms or keywords despite common misspellings in the data. The word “ALMUNIM” will be used to demonstrate this capability. The operator that implements a fuzzy search is the question mark (?). Please follow the screenshots below.

Figure 53, Characteristics Search - Using the "Fuzzy" Operator to Identify Misspellings



[Change Password](#) [Edit](#)
[Logout](#) [Help](#)

FIXR - Federal Item X-Reference

[Go Back to Main Page](#)

FLIS Item Name Multi NIIN NIIN History Characteristics Bill of Material

Parameter Entry Pick List Report Detail

Characteristics Search Parameters

Search For All Keywords:

Search For Phrase:


Search At least one Keywords:

Search Within: All Data

Item Name Keywords:

In the example below, we are limiting the search to NIINs with "CONNECTOR,PLUG" in the Item Name.

Figure 54, Characteristics Search - Using the "Fuzzy" Operator to Identify Misspellings



[Change Password](#) [Edit](#)
[Logout](#) [Help](#)

FIXR - Federal Item X-Reference

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FLIS Item Name Multi NIIN NIIN History Characteristics Bill of Material

Parameter Entry Pick List Report Detail

Characteristics Search Results

Select no more than 20 NSNs

Record Count: 53 Item Name Keywords: **CONNECTOR AND PLUG**; All Keyword Search: **?ALMUNIM**

NSN	INC	Item Name	
5935012354097	01938	CONNECTOR,PLUG,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5940010231835	00137	SPLICE,CONDUCTOR	Highlight Query Terms <input type="checkbox"/>
5935005491282	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935000515071	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935000003333	01938	CONNECTOR,PLUG,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935000004186	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935000003242	15038	SHIELD,ELECTRICAL CONNECTOR	Highlight Query Terms <input type="checkbox"/>
5935011114561	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935010224338	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935010224336	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935010427601	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>
5935009733529	15093	CONNECTOR,RECEPTACLE,ELECTRICAL	Highlight Query Terms <input type="checkbox"/>

 Page:

Results are displayed. For the purposes of this example, we will click on the *Highlight Query Terms* link for NSN 5935012354097.

Figure 55, Characteristics Search - Using the "Fuzzy" Operator to Identify Misspellings

Characteristics Search Results

Record Count: 53 Item Name Keywords: CONNECTOR AND PLU

NSN	INC	Item Name
5935012354097	01938	CONNECTOR,PLUG,ELECTRICAL
5940010231835	00137	SPLICE,CONDUCTOR
59350005491282	15093	CONNECTOR,RECEPTACLE,ELECTRICAL
5935000515071	15093	CONNECTOR,RECEPTACLE,ELECTRICAL
5935000003333	01938	CONNECTOR,PLUG,ELECTRICAL
5935000004186	15093	CONNECTOR,RECEPTACLE,ELECTRICAL
5935000003242	15038	SHIELD,ELECTRICAL CONNECTOR
5935011114561	15093	CONNECTOR,RECEPTACLE,ELECTRICAL
5935010224338	15093	CONNECTOR,RECEPTACLE,ELECTRICAL
5935010224336	15093	CONNECTOR,RECEPTACLE,ELECTRICAL
5935010427601	15093	CONNECTOR,RECEPTACLE,ELECTRICAL
5935009733529	15093	CONNECTOR,RECEPTACLE,ELECTRICAL

Characteristics Data

AAJF THREAD DIRECTION	RIGHT-HAND
AAQL BODY STYLE	A STRAIGHT SHAPE, INTERNAL COUPLING
ABHP OVERALL LENGTH	41.1 MILLIMETERS MAXIMUM
ADAV OVERALL DIAMETER	40.2 MILLIMETERS MAXIMUM
AFQR THREADED DEVICE TYPE	BACK SHELL
AFQW MATING END QUANTITY	1
AFQX CONTACT POSITION ARRANGEMENT STYLE	JAW 19-32 SINGLE MATING END
AFQZ CONTACT REMOVABILITY	REMOVABLE SINGLE MATING END SINGLE CONTACT GROUPING
AFRN POLARIZATION METHOD	KEYWAY OR MULTIPLE KEYWAY
AFRP INSERT POSITION IN DEG	0.0
AFRT SHELL TYPE	SOLID
AFRV CONNECTOR LOCKING METHOD	DETENT
CQJX NOMINAL THREAD SIZE	28.0 MILLIMETERS
CQQR THREAD PITCH IN MILLIMETERS	1.00
CQTM TERMINAL LOCATION	BACK SINGLE MATING END SINGLE CONTACT GROUPING
CQTZ CONTACT MATERIAL	COPPER ALLOY SINGLE MATING END SINGLE CONTACT GROUPING
CQYH CONTACT SURFACE TREATMENT	GOLD SINGLE MATING END SINGLE CONTACT GROUPING
CRBJ CONTACT SURFACE TREATMENT DOCUMENT AND CLASSIFICATION	MIL-G-45204 MIL SPEC SINGLE TREATMENT RESPONSE SINGLE MATING END SINGLE CONTACT GROUPING
CRTL CRITICALITY CODE JUSTIFICATION	FEAT
CSCF TERMINAL TYPE	CRIMP SINGLE MATING END SINGLE CONTACT GROUPING
CSPT SHELL MATERIAL	ALUMINUM ALLOY

Query hits are highlighted... Notice the occurrence of term "Aluminum". One is spelled properly and the other with an extra "I". The fuzzy search successfully identified this misspelling and included it in the search results.

This search returns both correct and incorrect spellings. The capability exists in Oracle to search for only incorrect spellings using the following SQL in Benthic:

```
select * from rde_char_decoded_xml
where contains(DECODED_CHAR_XML,'?Aluminum -Aluminum')>0
```

This returns 120 NIINs which have Aluminum misspelled in the Characteristics.

5.6.2 Pick list

Pick list displays multiple NSNs to choose from as a result of the **Parameter Entry** screen search. For the example below 'tube' was entered in the 'Search for at least one keyword' field from the Parameter Entry screen. Select one NSN by clicking on the NSN number, or select multiple NSNs by checking the box to the right of the entry and click **Submit Selection**. Alternatively, click on the hyperlinks for an individual NSN detail report or the INC which will provide a separate window with the Item Name Detail and definition for that INC.

Figure 56, Characteristics Search - Pick List

Characteristics Search Results

Record Count: 874 Item Name Keywords: (None); Characteristics Keywords: TUBE

Select no more than 20 NSNs

NSN	INC	Item Name	Highlight Query Terms	
4720013990056	22670	HOSE, NONMETALLIC	Highlight Query Terms	<input type="checkbox"/>
4710013325974	31934	TUBING, NONMETALLIC	Highlight Query Terms	<input type="checkbox"/>
5999012323417	00739	CLIP, ELECTRICAL	Highlight Query Terms	<input type="checkbox"/>
4720012082053	31934	TUBING, NONMETALLIC	Highlight Query Terms	<input type="checkbox"/>
4710013245218	36987	TUBE AND FITTINGS, METALLIC	Highlight Query Terms	<input type="checkbox"/>
8940013166598	35310	DIETARY SUPPLEMENT, THERAPEUTIC	Highlight Query Terms	<input type="checkbox"/>
4710013031944	21989	TUBE ASSEMBLY, METAL	Highlight Query Terms	<input type="checkbox"/>
4710012933602	31979	TUBE, METALLIC	Highlight Query Terms	<input type="checkbox"/>
4730011896775	18027	SLEEVE, FLARED, TUBE FITTING	Highlight Query Terms	<input type="checkbox"/>
4730011875009	18281	COUPLING HALF, SELF-SEALING	Highlight Query Terms	<input type="checkbox"/>
4820011800831	05482	VALVE, GATE	Highlight Query Terms	<input type="checkbox"/>
2530011662041	61106	SPINDLE, WHEEL, DRIVING-NONDRIVING	Highlight Query Terms	<input type="checkbox"/>

5.6.3 Characteristics Search Report Detail

The **Report Detail** screen displays the NIIN details. Selecting multiple NSNs from the **Pick list**, displays the first NIIN in full detail, while the other NIINs are listed as links.

The report will detail:

- **MRC** (Master Requirement Code) – A code assigned to each different approved requirement which serves to identify item characteristics defined by the requirement. For example, the MRC ABNM has a requirement to answer the 'Thickness' of the item of supply.
- **Requirement Statement** - A data field which gives the requirement statement in straight forward sequence for an assigned MRC. This is used to further identify characteristics of the item.
- **Clear Text Reply** – Gives the decoded reply statements for a particular reply code. It contains answers made in the Requirement Statement field.

Figure 57, Characteristics Search - Report Detail

Characteristics Detail Response			
Selected NIINs: 011525732, 011525734, 011525726, 011525724			
NIIN	MRC	Requirement Statement	Clear Text Reply
011525724	AJMX	GARMENT SIZE	12 LONG
	AJNL	GARMENT STYLE	SINGLE BREASTED
	AJNM	GARMENT LENGTH	HIP LENGTH
	AJNN	GARMENT CLOSING METHOD	BUTTON FRONT
	AJNX	LINING DEGREE	FULL LINED
	AJPB	GARMENT COLLAR TYPE	ROLL
	AJPL	POCKET TYPE	SIMULATED LEFT BREAST
	AKKN	CLOTH NAME	TWILL LINING
			TROPICAL MAIN BODY
	CBBL	FEATURES PROVIDED	SHOULDER LOOPS
	FEAT	SPECIAL FEATURES	COLLAR W/EYELET IN EACH END FOR BRANCH OF SERVICE
	FMAT	FIBER MATERIAL	INSIGNIA; LARGE PATTERN
			RAYON LINING
			POLYESTER MAIN BODY AND
011525726	HUES	COLOR	WOOL MAIN BODY
	ZZZT	NONDEFINITIVE SPEC/STD DATA	GREEN, US MARINE CORPS, 2241 MAIN BODY
			2 CLASS
	AJMX	GARMENT SIZE	14 REGULAR
	AJNL	GARMENT STYLE	SINGLE BREASTED
	AJNM	GARMENT LENGTH	HIP LENGTH
	AJNN	GARMENT CLOSING METHOD	BUTTON FRONT
	AJNX	LINING DEGREE	FULL LINED
	AJPB	GARMENT COLLAR TYPE	ROLL

5.7 Bill of Materials Inquiry

A Bill of Material (BOM) is also known as kitting data or sets, kits, and outfits, is updated from the DLA EBS System. The elements of a BOM are searchable by BOM NIIN or individual component NIINs as well as keyword, Service Agency and Part Number.

5.7.1 Parameter Entry

When performing a BOM inquiry, input the desired search criteria in one of the following:

- **BOM NIIN** This search will look for the NIIN containing one or more component NIINs, i.e. the NIIN assigned to the kit, set or outfit.
- **Component NIINs** are parts within the BOM (set, kit, or outfit).
- **BOM Keyword** searches for keywords occurring in item name, description and definition of the BOM NIIN.
- **Component Part Number** is the same as a Part Number search but for BOM components.
- **BOM Service Agency** searches the Using Service Code to return all BOMs used by the agency. A drop down list is provided for the potential Service Agencies.

After inputting search criteria in one of the entry boxes, click the **Search** button to the right of the entry box. Each of the four search capabilities is an individual search. A search will only be performed on the criteria entered to the left of the **Search** button selected.

Figure 58, BOM Parameter Entry

Go Back To Main Page

FLIS Inquiry Item Name Multi NIIN NIIN History Characteristics Bill of Material

Parameter Entry Pick List Report Detail

Bill of Material Search Parameters

BOM NIIN: Search

Component NIIN: Search

BOM Keywords: Search

Component Part Nbr: Search

BOM Service Agency: Search

History Date: Set Date

Clear Date Clear All

An entry in the **History Date** field will set a date in history for a search using the five search criteria described above. Enter the date using a **MM/DD/YYYY** format. Click on the **Set Date** button to set the date. Running the other searches will return data as it appeared on that date in history. The date will remain in effect for multiple searches until the date is either cleared using the **Clear Date** button or by entering and setting a new date.

5.7.2 Pick list

The Pick list displays a list of all Component NIINs which match the requested BOM NIIN entered.

Figure 59, BOM Pick List

Go Back To Main Page

FLIS Inquiry Item Name Multi NIIN NIIN History Characteristics Bill of Material

Parameter Entry Pick List Report Detail

Download in Excel Download in Word

Bill of Material Search Results

Keywords: SET

BOM FSC	BOM NIIN	BOM Description	Component FSC	Component NIIN	Component Description
1650	014291079	GASKET AND SEAL SET			(-----Kit-----)
1650	014291082	GASKET AND SEAL SET			(-----Kit-----)
1680	014291083	GASKET AND SEAL SET			(-----Kit-----)
1650	014302159	GASKET AND SEAL SET			(-----Kit-----)
1650	014318622	GASKET AND SEAL SET			(-----Kit-----)
1670	014319257	GASKET AND SEAL SET			(-----Kit-----)
1670	014319258	GASKET AND SEAL SET			(-----Kit-----)
1560	014319667	GASKET AND SEAL SET			(-----Kit-----)

5.7.3 BOM Report Detail

The Report Detail tab will return a more detailed screen of the BOM and component NIINs listed on the Pick list.

Figure 60, BOM Report Detail

The screenshot displays the 'BOM Report Detail' screen. At the top, there is a navigation bar with tabs: 'FLIS Inquiry', 'Item Name', 'Multi NIIN', 'NIIN History', 'Characteristics', and 'Bill of Material'. Below this is a sub-navigation bar with 'Parameter Entry', 'Pick List', and 'Report Detail'. The 'Report Detail' tab is active. On the left, a sidebar shows a list of BOM NIINs, with '014291079' selected. The main content area is titled 'Bill of Material Detail Results' and shows details for NIIN: 014291079. It includes links for 'Display HTML' and 'Display PDF', both pointing to a list of component NIINs. Below these links, the 'BOM NIIN: 014291079' section is highlighted, showing the description 'GASKET AND SEAL SET', quantity '1', and various codes (FSC: 1650, WSDC: 19F ATF, UOM: EA, Mfr Part Nbr:). The 'Component NIIN: 010460629' section is also highlighted, showing the description 'O-RING', quantity '1', and various codes (UOM: EA, Mfr Part Nbr:).

Go Back To Main Page

FLIS Inquiry Item Name Multi NIIN NIIN History Characteristics Bill of Material

Parameter Entry Pick List Report Detail

- [BOM NIINs Selected](#)

Bill of Material Detail Results

NIIN: 014291079

Display HTML: [010460629](#) [010886108](#) [012045886](#) [006188894](#) [001438612](#) [003431035](#) [010889342](#) [011703128](#) [010463300](#) [010867894](#) [012298082](#) [011074962](#) [010886873](#) [004192969](#) [010889340](#) [011074961](#) [011074959](#) [010889341](#) [011074957](#) [003954209](#) [011074956](#) [004136391](#) [014291079](#)

Display PDF: [010460629](#) [010886108](#) [012045886](#) [006188894](#) [001438612](#) [003431035](#) [010889342](#) [011703128](#) [010463300](#) [010867894](#) [012298082](#) [011074962](#) [010886873](#) [004192969](#) [010889340](#) [011074961](#) [011074959](#) [010889341](#) [011074957](#) [003954209](#) [011074956](#) [004136391](#) [014291079](#)

BOM NIIN: [014291079](#)

Description: GASKET AND SEAL SET	Qty: 1	CAGE:
BOM NIIN: 014291079	UOM: EA	Mfr Part Nbr:
FSC: 1650	Group Code:	Valid From Date: 0
WSDC: 19F ATF		WSDC:

Component NIIN: [010460629](#)

Description: O-RING	Qty: 1	CAGE:
BOM NIIN: 014291079	UOM: EA	Mfr Part Nbr: <input type="text"/>

6.0 Non-FLIS Data Searches

The previous section described the FLIS Data related searches. Returning to the home page, users can also perform a Hazardous Materials Information Resource System (HMIRS) Search, Service Unique Searches, Provisioning Screening (selected users only) and access Content Management.

6.1 HMIRS Reports

Hazardous Materials Information Resource System (HMIRS) is used to detail information about a product in relation to health and safety, Component / Ingredient Makeup, Radiological, Transit, and Disposal information. **HMIRS Reports** provide detail reports on the non-proprietary information for a particular product.

To set the **HMIRS Report Preferences**:

1. From the Main Page, select **HMIRS Inquiry**.
2. Select the type of data to be displayed in the report by checking/un-checking the check boxes next to the titles of information.
3. Select either **Product List** or **Document List**
4. Click **Save Preferences**

To search for a HMIRS Report:

1. Enter information into one or more of the text fields in the **HMIRS Detail Search Parameters**
 1. Click **Search**

Figure 61, HMIRS Reports - Parameter Entry

The screenshot displays the 'FIXR - Federal Item X-Reference' web application. The main navigation bar includes 'HMIRS Inquiry', 'HMIRS Pick List', and 'Report Details'. The 'HMIRS Inquiry' tab is selected, revealing two panels. The left panel, 'HMIRS Detail Search Parameters', features input fields for Product Identity, Contract #, Product Serial #, Stock Number, UPC / GTIN, Item Name, Company Name, and CAGE, with 'Search' and 'Clear All' buttons. The right panel, 'HMIRS Report Preferences', shows a list of information categories with checkboxes, all of which are checked: Safety & Health Information, Component / Ingredient Information, Contractor Information, Radiological Information, Transportation Information, DOT PSN Information, AFJM PSN Information, IATA PSN Information, IMO PSN Information, Logistical Information, Label Information, and Disposal Information. At the bottom of this panel, the 'Product List' radio button is selected, and a 'Save Preferences' button is present.

Note:

Clicking on **Clear All** will remove all information auto-populated in the text field(s) of the **HMIRS Detail Search Parameters**.

6.1.1 Parameter Entry

To search for HMIRS information, the user can enter search parameters in the **HMIRS Detail Search Parameters** section to produce a report. The type of information/data that will be displayed in the report is decided by the selections made in the **HMIRS Report Preferences** section.

6.1.1.1 HMIRS Detail Search Parameters

The user can choose to enter information into one text box or more in order to perform a search that will produce a report.

Product Identity – Numeric/alphanumeric values that briefly describe the product

Product Serial # - A 5 character alpha value

UPC / GTIN –A numerical value up to eight digits

Company Name – Manufacturer of the product

Contract # - Federal government contract number

Stock Number – Enter a numeric/alphanumeric value up to 12 characters

Item Name – Is item name FLIS data

CAGE – Enter a numerical value up to five digits

6.1.1.2 HMIRS Report Preferences

These preferences will be listed in the Report Detail page with the associated data.

- Safety & Health Information
- Component / Ingredient Information
- Contractor Information
- Radiological Information
- Transportation Information
- DOT PSN Information
- AFJM PSN Information
- IATA PSN Information
- IMO PSN Information
- Logistical Information
- Label Information
- Disposal Information

Product List – Will display:

- Stock Number
- Product Identity
- Product Serial Number
- Product Type
- Product Status
- Product Language

- Company Name
- Auto Ignition Temperature
- Flashpoint
- PH

Document List – Will display all the information displayed under **Product List** plus:

- Document Type
- Document Status
- Document Language
- Revision Number
- Document Date

6.1.2 Pick list

The **Pick list** displays all the results of the **HMIRS Detail Search Parameter**. The user can select a specific product by clicking on the **Product Identity** name. The user will then be brought to the **Report Detail** screen. In the sample below, 'brake' was entered as the Product Identity name. The user clicks on Search.

Figure 62, HMIRS Reports - Pick List

Stock Number	Product Identity	Product Serial Number	Product Type	Product Status	Product Language	Company Name
915000B020008	CASTROL GT LMA BRAKE FLUID	BBBFG	Purchased	Active	ENGLISH	BURMAH-CASTROL INC.
6850011670678	#83997 BRAKE CLEANER	BBBJL	Purchased	Active	ENGLISH	CURTIS INDUSTRIES INC
6850011670678	BRAKE CLEANER 96558	BBBJM	Purchased	Active	ENGLISH	CURTIS INDUSTRIES INC
915000B070005	HEAVY DUTY BRAKE FLUID	BBBMM	Purchased	Active	ENGLISH	GOLD EAGLE CO.
685000B120001	PERMATEX R DISC BRAKE QUIET	BBBOG	Purchased	Active	ENGLISH	LOCTITE CORP
685000B180003	ELECTRIC MOTOR CONTACT & BRAKE CLEANER	BBBSY	Purchased	Active	ENGLISH	RADIATOR SPECIALTY CO
915000F000196	STA-LUBE DISC BRAKE WHEEL BEARING GREASE	BBGCF	Purchased	Active	ENGLISH	STA-LUBE INC
793000F000370	PERMATEX BRAKE CLEAN	BBGLY	Purchased	Active	ENGLISH	PERMATEX DIV., LOCTITE AUTOMOTIVE & CONSUMER GROUP
685000F001659	BRAKE PARTS CLEANER	BBJOT	Purchased	Active	ENGLISH	SOUTHERN CHEMICAL PRODUCTS CO
163000F001741	F-16 BRAKE ASSEMBLY	BBJVT	Purchased	Active	ENGLISH	GOODYEAR AEROSPACE CORPORATION

6.1.3 HMIRS Report Detail

The **Report Detail** screen displays the detail of the chosen **Product Identity**.

The **Report Detail** screen is sectioned into two areas:

- **Bookmarks** – located on the left hand side to provide user with quick access to data within the Product. The Bookmark left frame gives the user an outline of the Report Details screen and the ability to link to each desired section. By clicking on a link in the bookmark frame, the selection clicked on will appear in the right side full view frame.

- **Main Frame** – Contains the details of the specified Product. This includes only the information selected in the Parameter Entry screen NIIN detail preferences.

Figure 63, HMIRS Reports - Report Detail

Internal: Y	Article: N	Kit: N	End Item: N	Radioactive: N
Purchased: Y	Published: Y	Kit Part: N	End Item Component: N	Proprietary: N

Part #:	Product Serial/Doc #: BBBFG
Product Identity: CASTROL GT LMA BRAKE FLUID	Replaced By:
Trade Name: CASTROL GT LMA BRAKE FLUID	Product Record Status: A
Service/Agency: B	Product Load Date: 31-JUL-07
Service/Activity: DT	Product Revision Number: 1
NIIN: 00B020008	Product Language: ENGLISH
FSC: 9150	
CAGE: D0827	

View MSDS – Material Safety Data Sheet can be accessed by clicking on View MSDS. Another window will pop up and present the MSDS information available.

6.2 Service Unique Search

There is only one service unique search currently available; the **Navy Data Inquiry**. These searches are designed to support U.S. Navy specific search requirements.

6.2.1 Navy Data Inquiry

Users may search Navy Unique data by NICN, Shipping Code, or Engine Number.

Figure 64, Navy Data Unique Inquiry - Parameter Entry

FIXR - Federal Item X-Reference

[Go To Main Page](#)

Navy Search Portlet

NICN:

Shipping Code:

Engine Number:

Navy Data can be searched using the wild card “%” in the NICN, Shipping Code or Engine Number search fields.

6.2.1.1 NICN Search

Enter a full NICN or partial NICN followed by a percent sign “%” in the Navy Search Portlet as shown in Figure 65.

Figure 65, NICN Search Entry

The image shows a web-based search interface titled "Navy Search Portlet". It contains three search sections, each with a label, a text input field, and a "Search" button. The first section is for "NICN:" with the input field containing "LLT%". The second section is for "Shipping Code:" with an empty input field. The third section is for "Engine Number:" with an empty input field.

The resulting pick list will provide a list of related NIINs as shown in Figure 66.

Figure 66, NICN Search Pick List

The image shows a web application titled "FIXR - Federal Item X-Reference". It has a navigation bar with "Navy Data Inquiry", "Parameter Entry", "Pick List", and "Report Details". There are buttons for "Download in Excel" and "Download in Word". The main content area shows "Search Results" for the query "NICN: LLT%". It indicates a record count of 2056 (1000 displayed) and a "Submit Selection" button. Below this is a table of results with two columns: "NIIN" and "HICN". The table lists 10 items, each with a checkbox for selection.

NIIN	HICN
000013388	LLTSL2290
000065224	LLTRP5186
000074600	LLTSH0680
000106652	LLTJ60342
000211788	LLTSR2152
00044831	LLTSO7769
014601330	LLTJ60073
014602179	LLTRP3283
013978201	LLTRO5894
013978309	LLTSH3487

6.2.1.2 Shipping Code Search

Entering a full or partial shipping code in the Navy Search Portlet as shown in Figure 67 will result in a shipping pick list as shown in Figure 68.

Figure 67, Shipping Code Search Entry

The image shows a web application window titled "Navy Search Portlet". It contains three search fields, each with a "Search" button to its right. The first field is labeled "NICN:" and is empty. The second field is labeled "Shipping Code:" and contains the text "N68836". The third field is labeled "Engine Number:" and is empty.

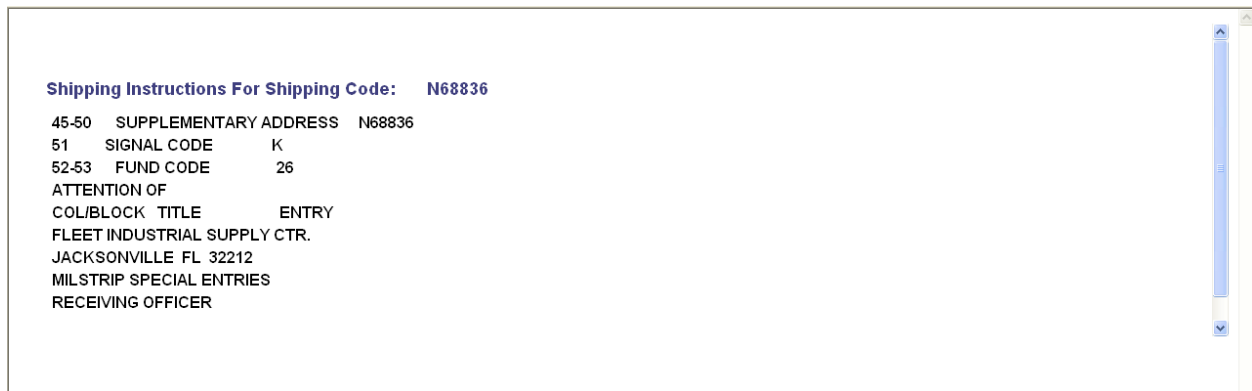
The resulting pick list will display the NIIN, Shipping Code and NICN. Left clicking on the NIIN will provide a NIIN detail report. Left clicking on the Shipping Code in this or any other pick list will provide a description of the Shipping Code as shown in Figure 69.

Figure 68, Shipping Code Search Pick List

The image shows a web application window titled "Navy Data Inquiry". It has three tabs: "Parameter Entry", "Pick List", and "Report Details". The "Pick List" tab is selected. There are two buttons at the top right: "Download in Excel" and "Download in Word". Below the tabs, there is a "Search Results" section. It displays "SHIPPING CODE: N68836; Record Count: 17" and a "Submit Selection" button. A note says "Select no more than 25 NIINs". Below this is a table with three columns: NIIN, SHIPPING CODE, and NICN. The table lists 17 records. At the bottom left, it says "Tuesday, April 15 2008" and "HB90577". At the bottom right, there is a pagination bar showing "Page 1" and navigation buttons.

NIIN	SHIPPING CODE	NICN
013881150	N68836	LLH815832
014128225	N68836	LLH409209
014128227	N68836	LLH409210
012272458	N68836	LLH768295
012307682	N68836	LLH770532
123432576	N68836	LLH761190
015030158	N68836	LLH590819
014799285	N68836	LLH797911
014799527	N68836	LLH797913
014799566	N68836	LLH797912

Figure 69, Navy Data Shipping Code



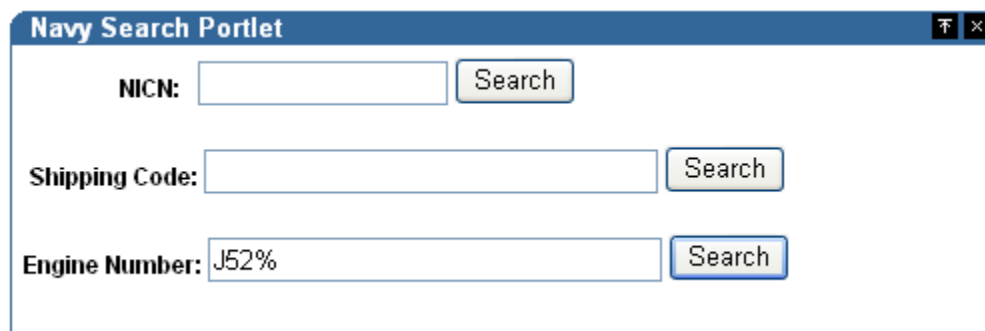
Shipping Instructions For Shipping Code: N68836

45-50 SUPPLEMENTARY ADDRESS N68836
51 SIGNAL CODE K
52-53 FUND CODE 26
ATTENTION OF
COL/BLOCK TITLE ENTRY
FLEET INDUSTRIAL SUPPLY CTR.
JACKSONVILLE FL 32212
MILSTRIP SPECIAL ENTRIES
RECEIVING OFFICER

6.2.1.3 Engine Number Search

Entering a full or partial engine number in the Navy Search Portlet as shown in Figure 70 will result in a shipping pick list as shown in Figure 71.

Figure 70, Engine Number Search Data Entry



Navy Search Portlet

NICN: Search

Shipping Code: Search

Engine Number: J52% Search

The resulting pick list will list the NIIN, Shipping Code and Engine number as shown in Figure 71. Note that in some cases, an Engine Number will be listed with no associated NIIN or Shipping Code.

Figure 71, Navy Data - Pick List

The screenshot shows the 'FIXR - Federal Item X-Reference' web application. At the top, there is a navigation bar with links for 'Change Password', 'Edit', 'Logout', and 'Help'. Below this is a 'Navy Data Inquiry' section with tabs for 'Parameter Entry', 'Pick List', and 'Report Details'. A 'Go To Main Page' link is also present. Two buttons, 'Download in Excel' and 'Download in Word', are located below the tabs. The main content area is titled 'Search Results' and displays a table of engine numbers and shipping codes. A 'Submit Selection' button is located to the right of the table. The table has columns for 'NIIN', 'SHIPPING CODE', and 'ENGINE MODEL NUMBER'. The first row is highlighted, showing '000259853' for NIIN, 'H68836' for SHIPPING CODE, and 'J52-P-408' for ENGINE MODEL NUMBER. Below the table, there is a status bar showing 'Wednesday, December 10 2008' and 'HB91319'.

NIIN	SHIPPING CODE	ENGINE MODEL NUMBER	
000259853	H68836	J52-P-408	<input checked="" type="checkbox"/>
000265150	H68836	J52-P-408	<input type="checkbox"/>
000267277	H68836	J52-P-408	<input type="checkbox"/>
000335428	H68836	J52-P-408	<input type="checkbox"/>
000518414	H68836	J52-P-408	<input type="checkbox"/>
000518415	H68836	J52-P-408	<input type="checkbox"/>
000532909	H68836	J52-P-408	<input type="checkbox"/>
000662835	H68836	J52-P-408	<input type="checkbox"/>
000687016	H68836	J52-P-408	<input type="checkbox"/>

Left clicking the Engine Number Model link initiates a pop-up window displaying the data.

Figure 72, Engine Model Number

The screenshot shows a pop-up window titled 'MRIL DATA For Engine Number: J52P408 and NIIN: 000267277'. It displays a table with columns for LSI, SRC, COG, MMC, MODEL NUMBER, SMIC, SSC, RMC, RC, CIIC, MPD, and RIP. The first row shows 'N', '7H', 'H', 'J52-P-408', 'EN', 'D', 'D', and '13'. Below the table, there is a section for 'Shipping Data' with a 'Notes' column and a 'Shipping Code' column. The 'Notes' column contains 'REDSTRIPE' and the 'Shipping Code' column contains 'N68836'.

LSI	SRC	COG	MMC	MODEL NUMBER	SMIC	SSC	RMC	RC	CIIC	MPD	RIP
N		7H	H	J52-P-408	EN		D	D		13	

Notes	Shipping Code
REDSTRIPE	N68836

Appendix A: Glossary

BOM (Bill of Materials) A complete, formally structured list of the components that make up a product or assembly. The list contains the object number of each component, together with the quantity and unit of measure. The components are known as BOM items. You can create the following BOM categories in the EBS System: Material BOM, Document structure, Equipment BOM, Functional location BOM, and Sales order BOM.

CAGE (Commercial and Government Entity Code) Any reference number entered into the Federal Catalog System will have a CAGE Code assigned to it prior to entering the central catalog file. The CAGE Code is a five character data element assigned to establishments which are manufacturers or have design control of items of supply procured by the Federal Government. The first and last positions of a CAGE Code will be numeric. Under certain conditions revision actions shall be initiated by DLIS: When a CAGE Code is cancelled and replaced by a code assigned to a single manufacturer; or when DLIS cannot determine, without collaboration, which items formerly manufactured by a defunct organization are now manufactured by the acquiring organization(s).

Where the applicable CAGE Code cannot be determined under the conditions cited above, recorded cataloging activities shall initiate appropriate action to update the central catalog file. DLIS will not cancel a CAGE Code until all numbers of that manufacturer have been withdrawn.

NATO (North Atlantic Treaty Organization) CAGE Codes are used to identify international manufacturers as part of the NATO Codification System (NCS) and may be listed for NATO and US NIINs.

COS (Class of Supply) Supply materials are grouped into 10 classes of supply in U.S. Doctrine. These classes may not necessarily align with other nation's systems. The classes allow the supply system to more efficiently acquire and distribute the material.

DAAS SOS (Defense Automatic Addressing System Source of Supply Code) A code/military standard requisitioning and issue procedures (MILSTRIP) routing identifier code which identifies the activity as a potential source of supply used in the automatic digital network to automatically route MILSTRIP requisitions. The field is reflected in 3 parts of the record for the Army, Navy, and Air Force. See Volume 10, table 103 and 113 and quick info on-line.

FEDLOG (Federal Logistics). Logistics information system published by the Defense Logistics Information Service (DLIS)

FLIS (Federal Logistics Information System). An ADP system designed to provide a centralized data bank in support of the Department of Defense, Federal Civil Agencies, and foreign countries participating in the integrated logistics support program.

Freight Data The division of articles into groups according to physical characteristics for the purpose of transportation.

I&S (Interchangeability and Substitutability) Family An entity of items which possess physical and functional characteristics such as to provide comparable performance for a given requirement under given conditions. Also, the full range of items determined by the managing or using Services/Agencies to have unconditional interchangeable or substitutable relationships with each other and for which a common master item is at minimum a suitable substitute. I&S Family Group. The range of items within a DoD I&S Family which is assigned to an individual Service/Agency for management or in which a recorded SICA has retail interest.

Item Identification (II) A collection and compilation of data to describe an item. The minimum data to develop an item identification are a combination of the item name, Federal Stock Class

Manager (FSCM), manufacturers' identifying part/reference number, Reference Number Category Code (RNCC), and Reference Number Variation Code (RNVC). The maximum data required are the item name, all of the physical and performance characteristics data prescribed by a specific Federal Item Identification Guide (FIIG), and the manufacturers' identifying part/reference number. It may also include additional related reference numbers.

INC (Item Name Code) A code that corresponds to an Item Name.

Item Name A name which has been selected and delimited where necessary, to establish a basic concept of the item of supply to which the item belongs. It may be a basic noun, or noun-phrase, flowed by those modifiers necessary to differentiate between item concepts for items having the same basic noun.

ISN (Navy) (Item Serial Number) Navy serial numbers provide accountability to each individual item within populations of the same stock numbered material.

MOE Rule (Major Organizational Entity Rule) Gives you access to MOE Rule data: Status Code, Primary Inventory Control Activity (PICA), PICA-Level of Authority (LOA), Secondary Inventory Control Activity (SICA), SICA-LOA, Authorized and Supplemental Collaborators and Receivers and Management Exception Notes.

MOE Rule (Major Organizational Entity Rule) Related Data Consists of Item Management Status data and the NIMSC Code, supplementary data collaborators/receivers, Item Management code, Acquisition Advice Code (AAC), Depot Source of Repair (DSOR), Item Management Code (IMC) and Item Management Code Activity (IMCA), and effective date.

MRC (Master Requirement Code) A code assigned to each different approved federal item identification guide/FIIG requirement. The MRC serves to identify the item characteristic defined by the requirement.

NICN (Navy Item Control Number). Items of material that are not included in the Federal Catalog System, but are stocked or monitored in the Navy supply system. NICNs are 13-character identification numbers assigned by ICPs or other Navy item managers for permanent or temporary control of selected non-NSN items under their cognizance.

NIIN (National Item Identification Number) A number assigned to each approved item identification under the federal cataloging program. It consists of nine numeric characters. The first two of which are the national codification bureau/NCB/code. The remaining positions consist a of seven digit non-significant number.

NSN (National Stock Number) An identification number under the federal cataloging program assigned to each approved United States federal Item. It consists of the four digit federal supply classification (FSC) and the nine digit assigned National Item Identification Number (NIIN).

Packaging Data The Segment W information from FLIS. Packaging Data (Fixed or Variable) consists of data elements that identify shipping and storage data; such as, level of protection for preservation, unit package quantity, method of preservation, or unit container code. (Source: DoD 4100.39-M Volume 5).

Reference Number A reference number is any number, other than an activity stock number, used to identify an item of production or, either by itself or in conjunction with other reference numbers, to identify an item of supply (when used in conjunction with the CAGE Code). Reference numbers include manufacturer's part, drawing, model, type, source controlling, or specification-controlling numbers and the manufacturers trade name, when the manufacturer identifies the item by trade name only; NATO Stock Numbers; specification or standard part, drawing, or type numbers. The submittal of all known reference numbers related to an item of production or an item of supply, with the applicable Reference Number Category Code, the

applicable Document Availability Code, and the applicable Reference Number Variation Code, is mandatory.

Shipping Code (Navy) The shipping code contains a six-character Unit Identification Code (UIC) of the activity to which an item can be shipped

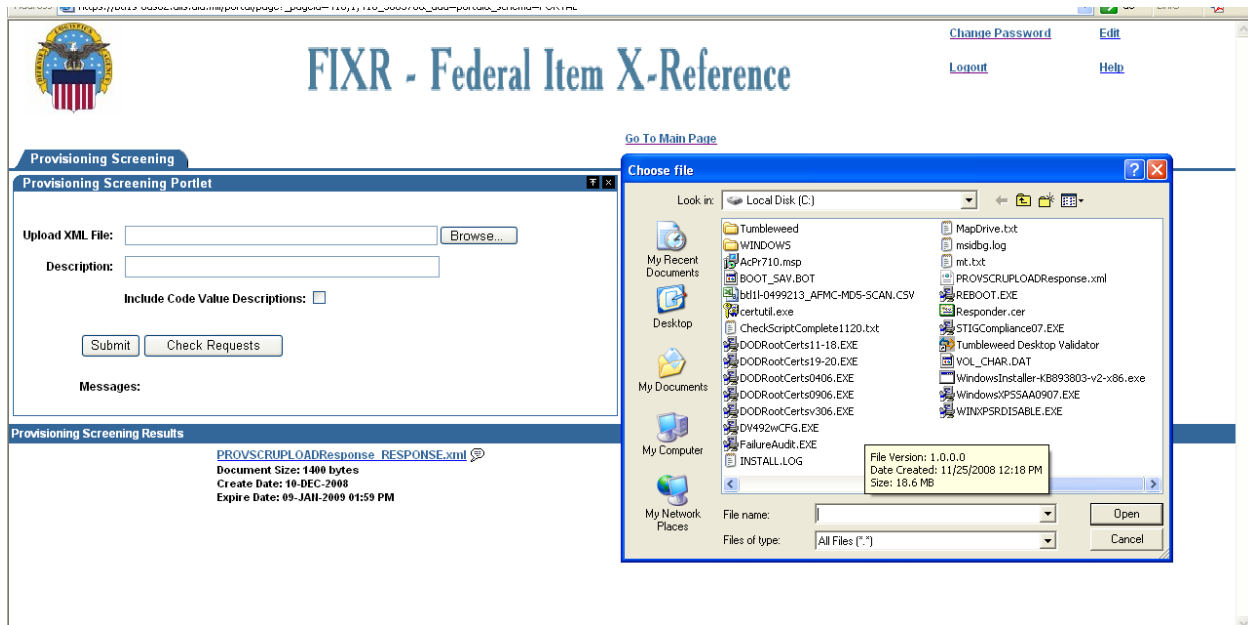
Warfighter is a clothing and textiles online information and ordering system.

Weapons System Data Identifies items and components that are weapons systems and the military service responsible for the weapon system

Appendix B: Provisioning Screening

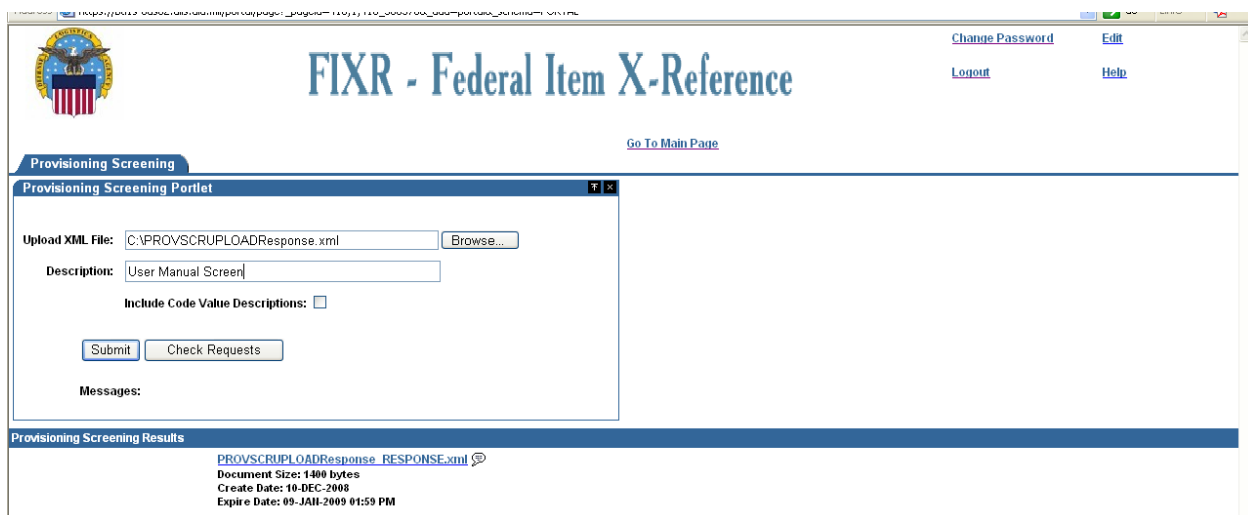
This function is available only to selected users performing provisioning screening. The first step when performing a **Provisioning Screening** is to upload the necessary XML file. Use the browse button to locate this file and click the **Open** button.

Figure 73, Upload XML File



Add a line of description and click the **Submit** button to begin the search.

Figure 74, Provisioning Screening Search



Click on that file name to show the results in a new window.

```
<?xml version="1.0" encoding="UTF-8" ?>  
- <RDEProvScr RequestID="1395" FileName="PROV5CRUPLoadResponse_RESPONSE.xml">  
  - <MatchResults>  
    - <Pish-Poon ID="H03E7H">  
      - <MatchedNIINs>  
        <CAGE_CD_9250>49956</CAGE_CD_9250>  
        <REF_NBR_3570>H346883-1</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />  
        </NIINS>  
        <CAGE_CD_9250>49956</CAGE_CD_9250>  
        <REF_NBR_3570>H328056-1</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />  
        </NIINS>  
        <CAGE_CD_9250>49956</CAGE_CD_9250>  
        <REF_NBR_3570>H347491-1</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />  
        </NIINS>  
        <CAGE_CD_9250>49956</CAGE_CD_9250>  
        <REF_NBR_3570>H328085-1</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />  
        </NIINS>  
        <CAGE_CD_9250>49956</CAGE_CD_9250>  
        <REF_NBR_3570>H328086-1</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />  
        </NIINS>  
        <CAGE_CD_9250>23657</CAGE_CD_9250>  
        <REF_NBR_3570>4240-3A</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />  
        </NIINS>  
        <CAGE_CD_9250>80205</CAGE_CD_9250>  
        <REF_NBR_3570>M535307-306</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />  
        </NIINS>  
        <CAGE_CD_9250>80205</CAGE_CD_9250>  
        <REF_NBR_3570>M535338-139</REF_NBR_3570>  
      - <NIINS>  
        <NIIN DegreeMatchDIC="KNR" />
```

Appendix C: Content Management

The Content Management (CE) page is located in Federal Item X-Reference (FIXR). In the CE page you can access the TDP request form and/or extract request results. Below is a sample on how to access the CE page and the various options available within it.

To access Content Management Page, follow the steps below:

Click on the Content Management Link

Figure 76, Content Management Link

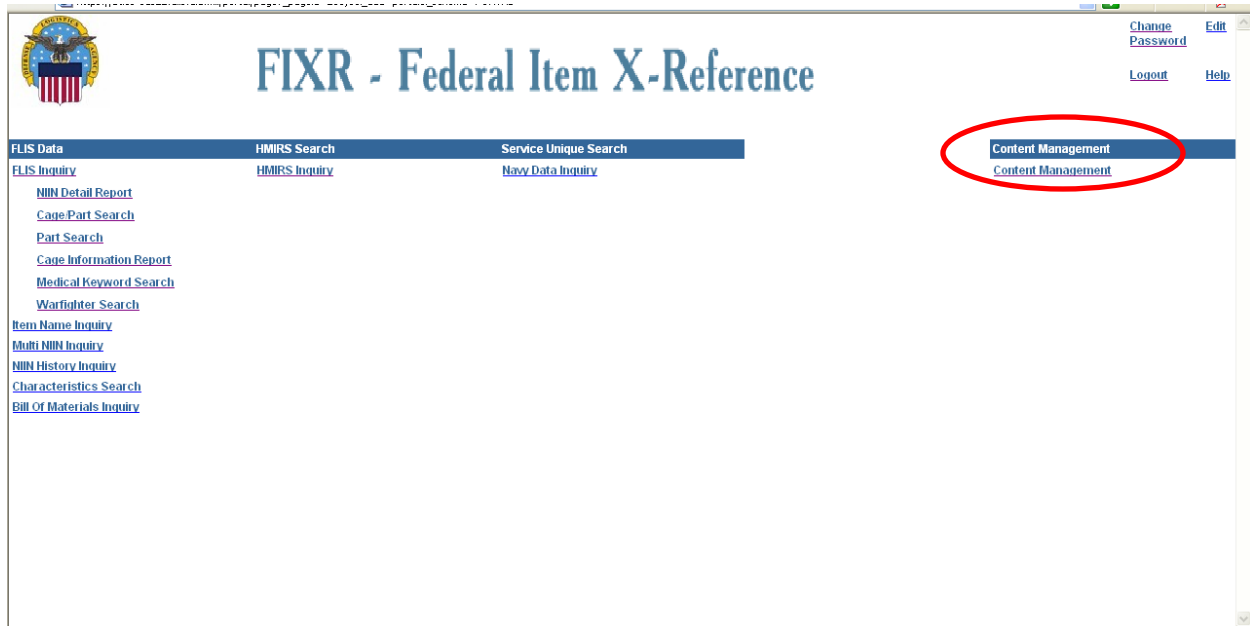
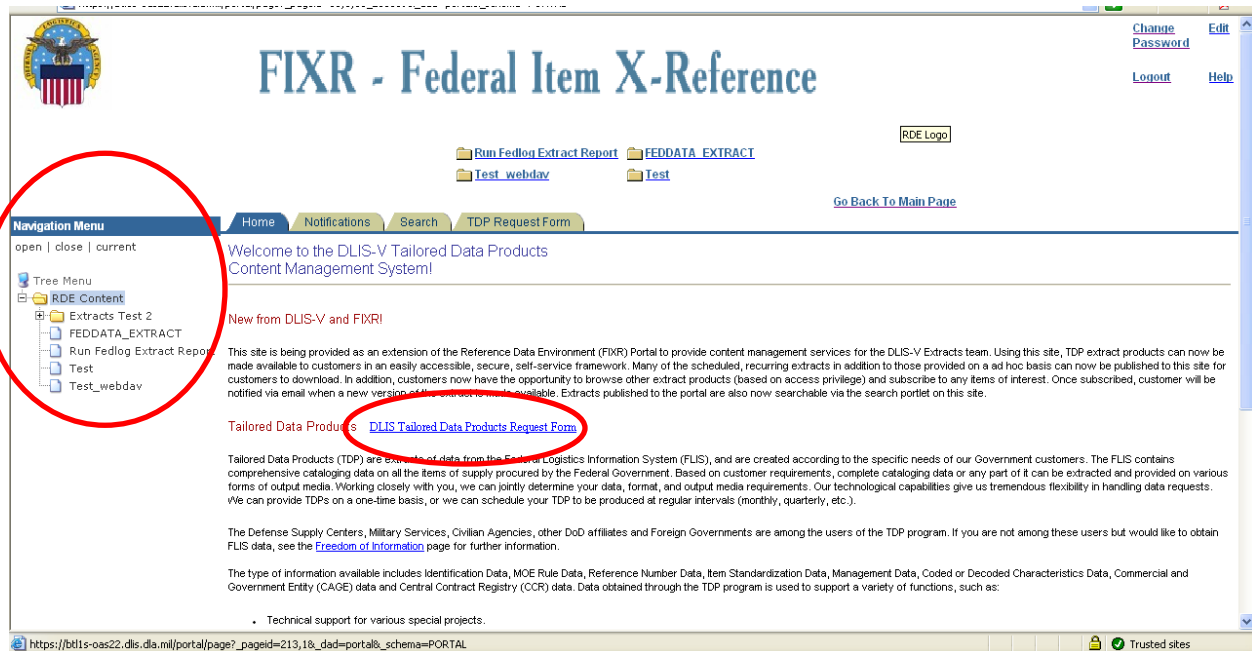


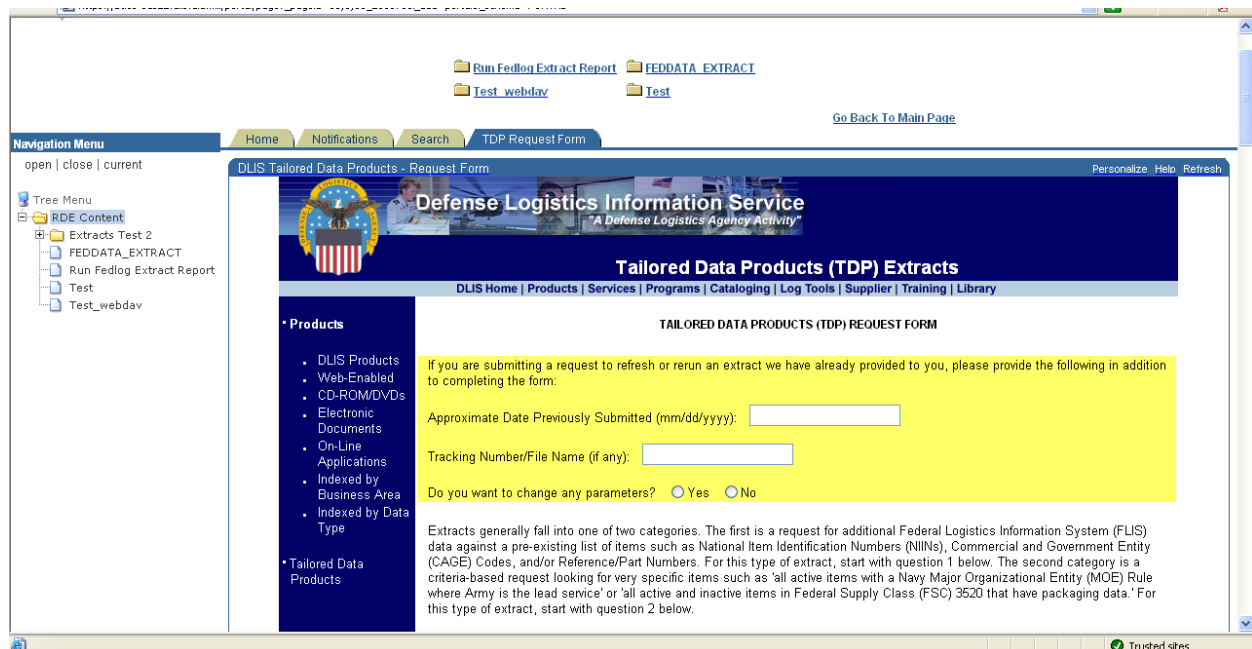
Figure 77 below displays Content Management folders and also allows a link to the TDP Request Form.

Figure 77, Content Management Folders and Link to TDP Request Form



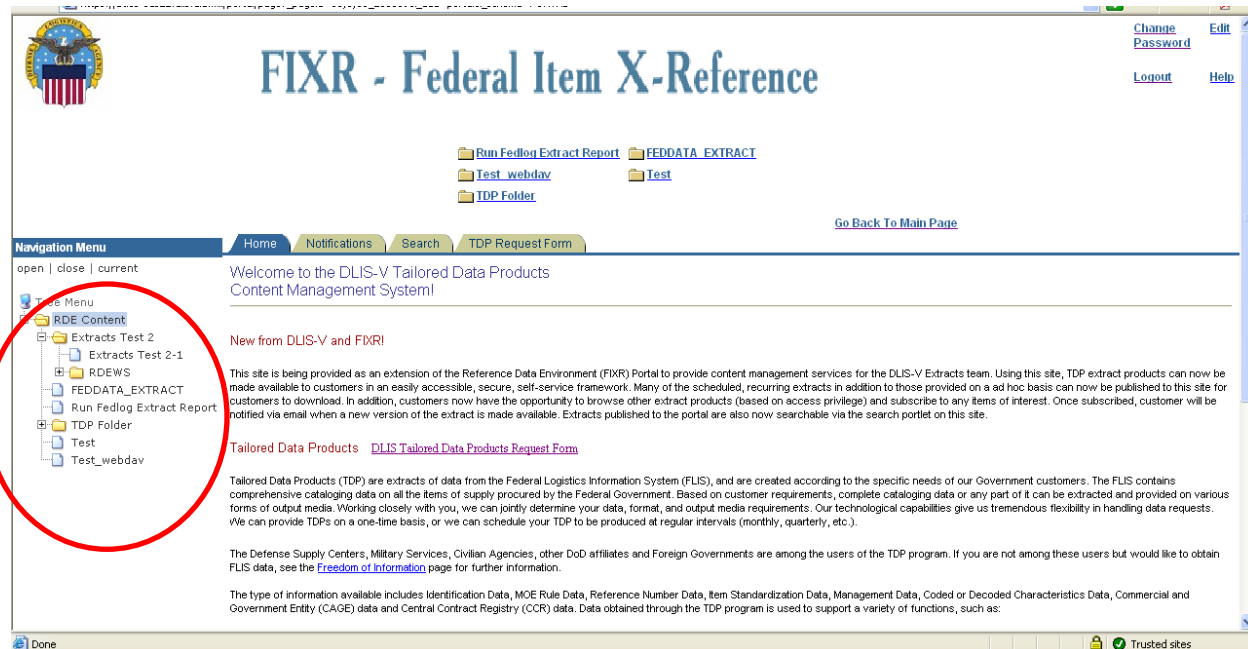
Display the TDP form by clicking on the “DLIS Tailored Data Products Request Form” link which is located next to Tailored Data Products heading, see previous example.

Figure 78, TDP Form



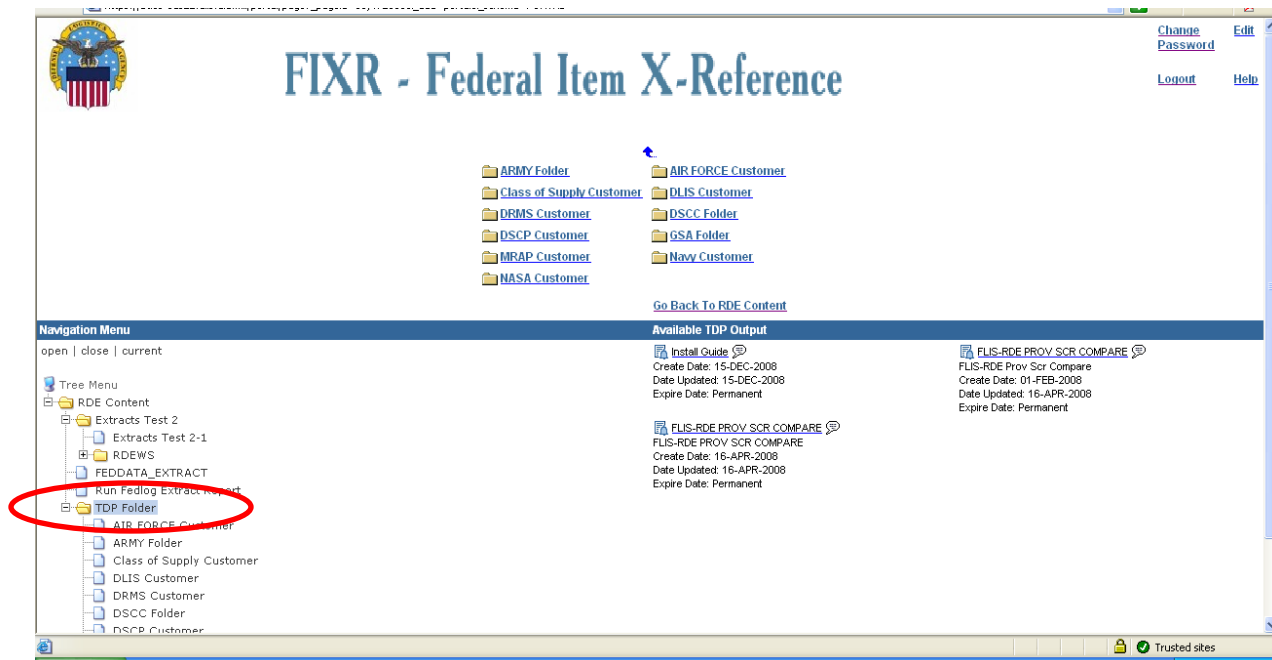
Display various content management folders by clicking on the RDE Content Folder plus (+) which is located on the left side of page.

Figure 79, Content Management Folders



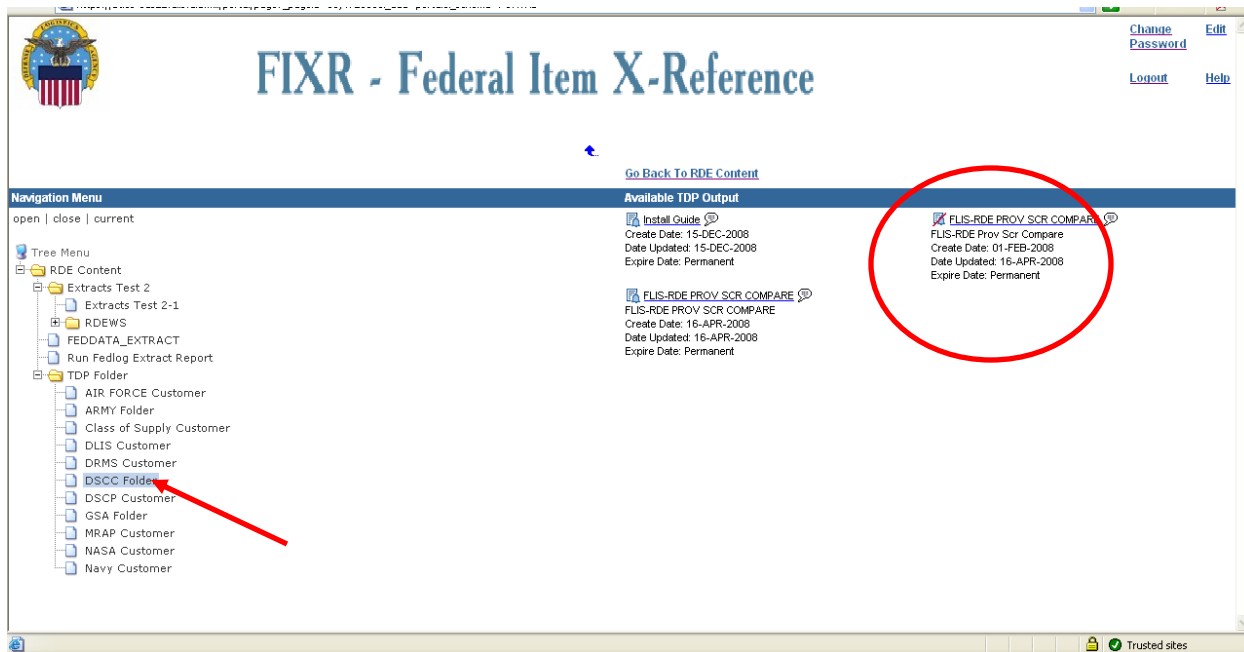
Display TDP folder by clicking on the plus (+) as shown below in Figure 80.

Figure 80, TDP Folder



Display a service/agency folder click on the plus (+), in the example, I clicked on DSCC the folder. To subscribe or unsubscribe to a file left click the mouse key. A red slash (/) thru file means you've subscribed. If you subscribe to a file, an automatic email will be generated to you the next time it is updated. Below is a sample of the automatic email.

Figure 81, Display a Service/Agency Folder



Subject: RDE Subscription Notification – DAMOR28

RDE Content Subscription Notification

An output file, extract or report to which you are subscribed or have recently requested in RDE has been added or updated.

File Details

File	Description	Date	User
DAMOR 28	Cancelled NIINs every QTR	09/05/2008	15:15:09
LSCXXXX			
URL Access			

Item URL:

<https://cmhep002.dlis.dla.mil/pls/portal/url/ITEM/5627719E11CB1036E0440003BA8122A9>

Page URL: https://cmhep002.dlis.dla.mil/pls/portal/url/page/RDE_CONTENT

Note:

For Larger files, use the Page URL and right click on the named file and select “Save Target As”

To open a file, double click on file name (example DLIS-RDE PROV SCR Compare) and the file will appear, see below.

Figure 82, To Open File

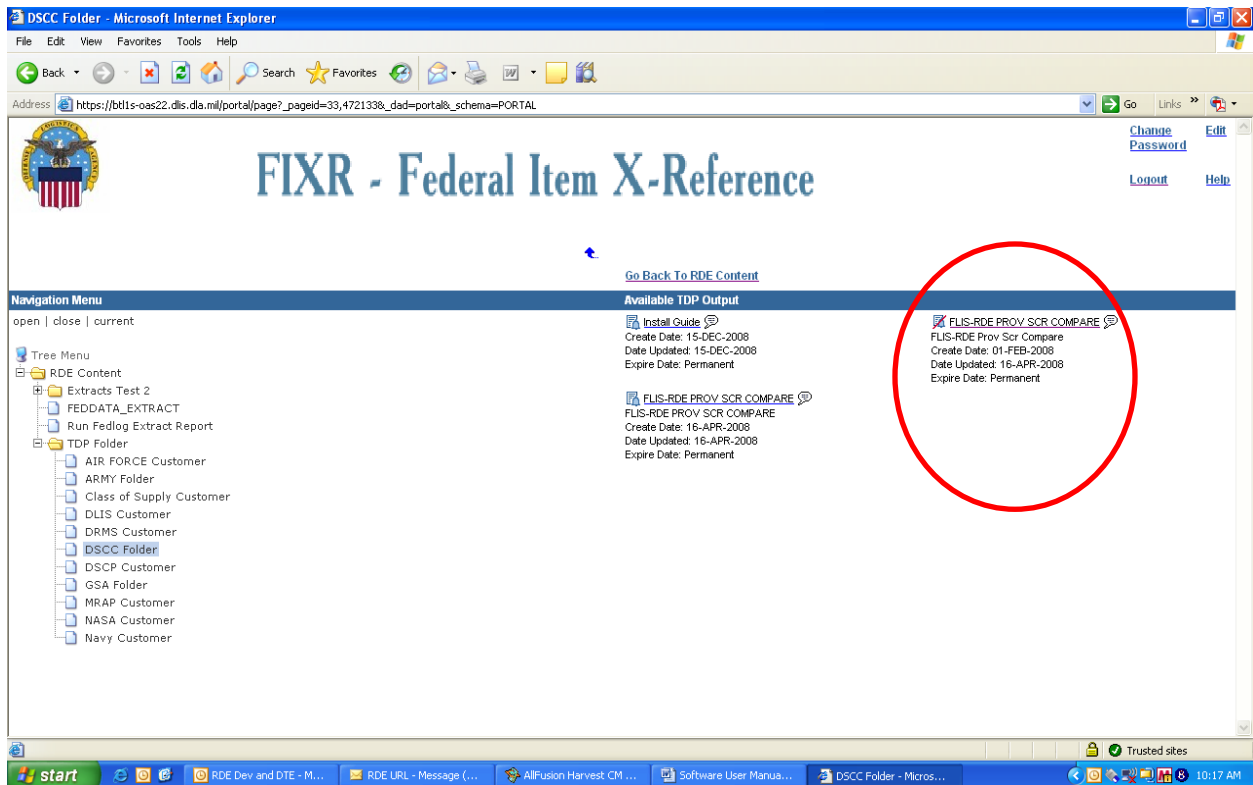


Figure 83, Display a File

	A	B	C	D	E	F	G	H	I	J	K	L
1	FLIS/RDE Comparison - M032 test											
2	Transno	CAGE	Part	FLIS Results	RDE Results	Matched PN						
3	A001	01365	03007A0000	KNR	KMP 015128683							
4	A002	01365	03007A1000	KNR	KNR							
5	A003	01365	03007A1010	KNR	KNR							
6	A004	81349	MIL-PRF-44408 TY1	KNR	KMP 013573582							
7	A005			KNR	KNR							
8	A006	78276	ALS4-1032-130-B	KNR	KMP 015464237	ALS4-1032-130B						
9	A007			KNR	KNR							
10	A008			KNR	KNR							
11	A009			KRE	KRE							
12	A010	39428	97517A035	KNR	KME 012679788	97517A035						
13	A011			KNR	KNR							
14	A012			KNR	KNR							
15	A013			KNR	KNR							
16	A014			KNR	KNR							
17	A015			KNR	KNR							
18	A016			KNR	KNR							
19	A017			KNR	KNR							
20	A018			KNR	KNR							
21	A019			KNR	KNR							
22	A020			KNR	KNR							
23	A021			KNR	KNR							
24	A022			KNR	KNR							
25	A023	81349	M45938/1-17C	KNR	KMP 005674992							
26	A024			KNR	KNR							
27	A025			KNR	KNR							
28	A026	81349	M45938/1-17C	KNR	KMP 005674992							
29	A027			KNR	KNR							
30	A028			KNR	KNR							
31	A029			KNR	KNR							
32	A030	91929	32AT444-T2	KNR	KMP 007628810	32AT444T2						
33	A031	81073	50A45-01-1-03N	KNR	KME 015100501	50A45-01-1-03N						
34	A032	06004	MCD-PRF-001	KNR	KMP 0090003473							
35	Submission with RNCC and RNVC p Submissions without RNCC RNVC / Sheet3 /											

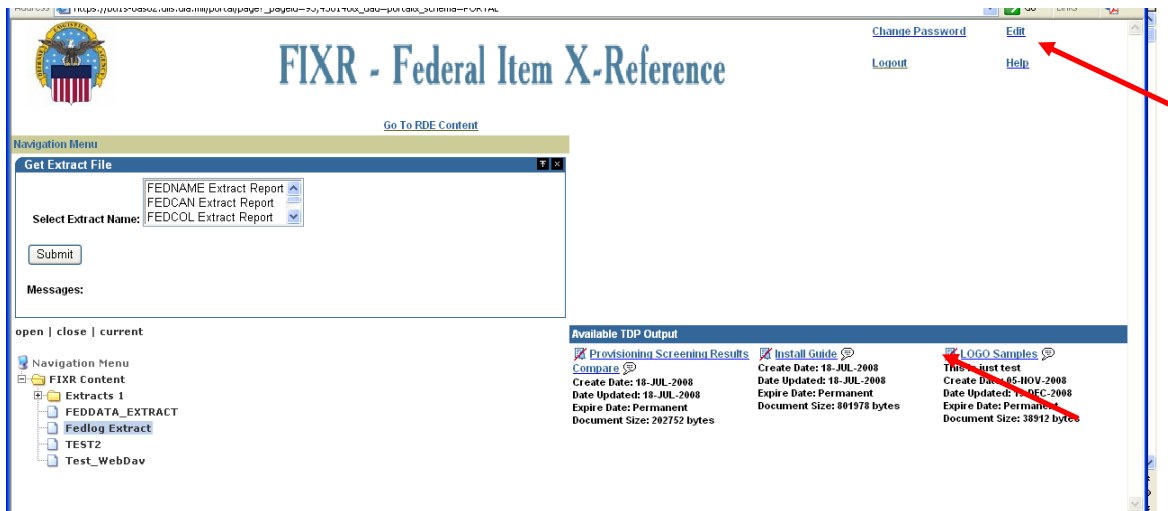
To save to our home drive click on file and save it.

Sending Custom Email for Subscribed Content Management Item:

Introduction: Customizing the email Notification:

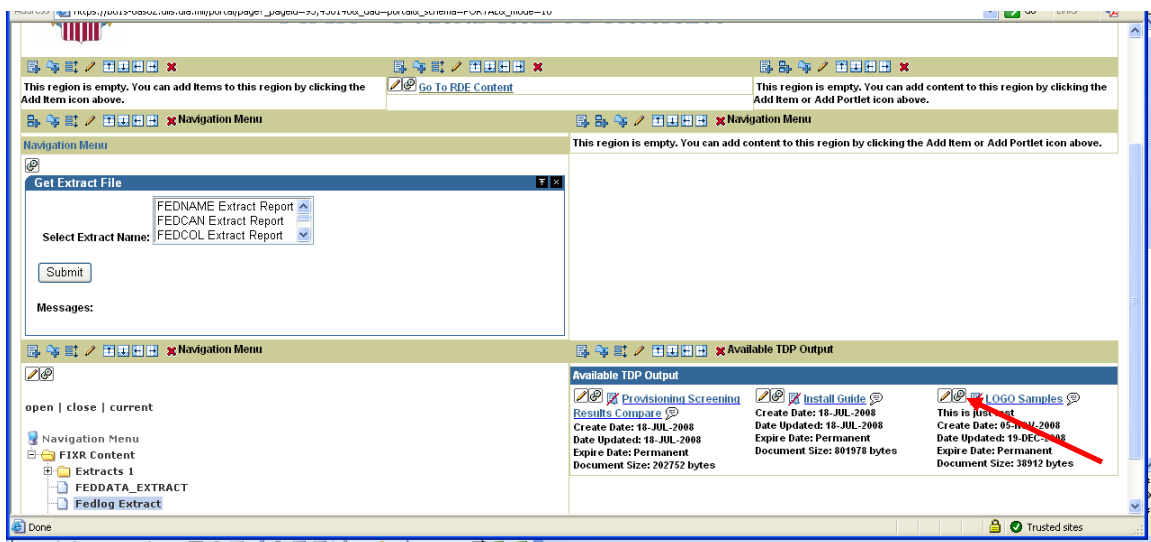
If User wants to customize the email (email notification that is sent to User after updating the subscribed item), then follow the steps below. User is allowed to type a note that is 4000 characters long. The note is displayed in email notification as a "User Note" which is located just below Item URL link.

I have subscribed to LOGO_SAMPLES.doc which is shown in the following Screen shot

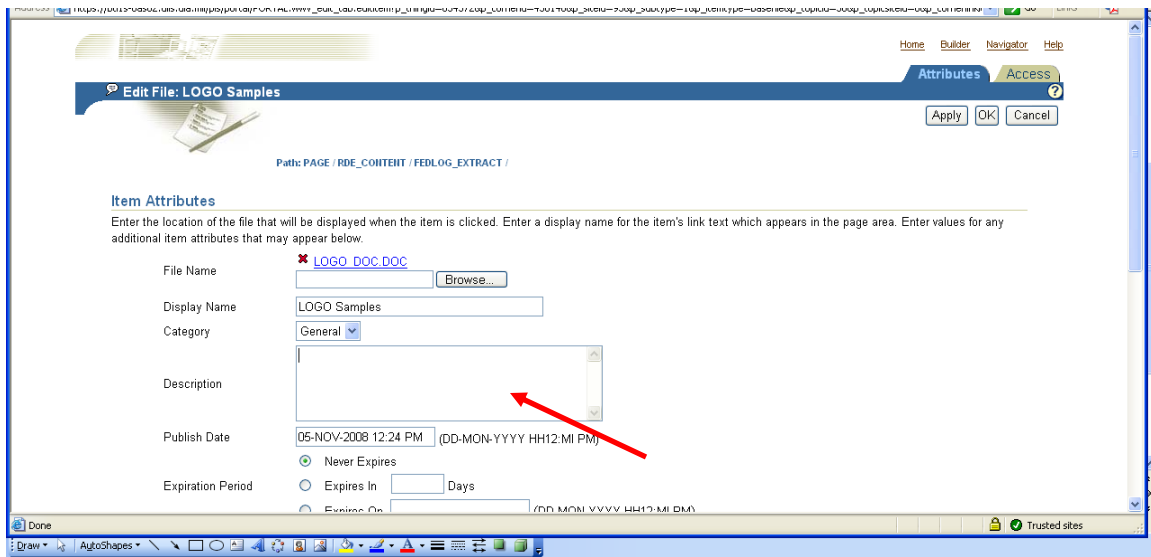


If I want to add a note to email notifying why I made the change, follow these steps.

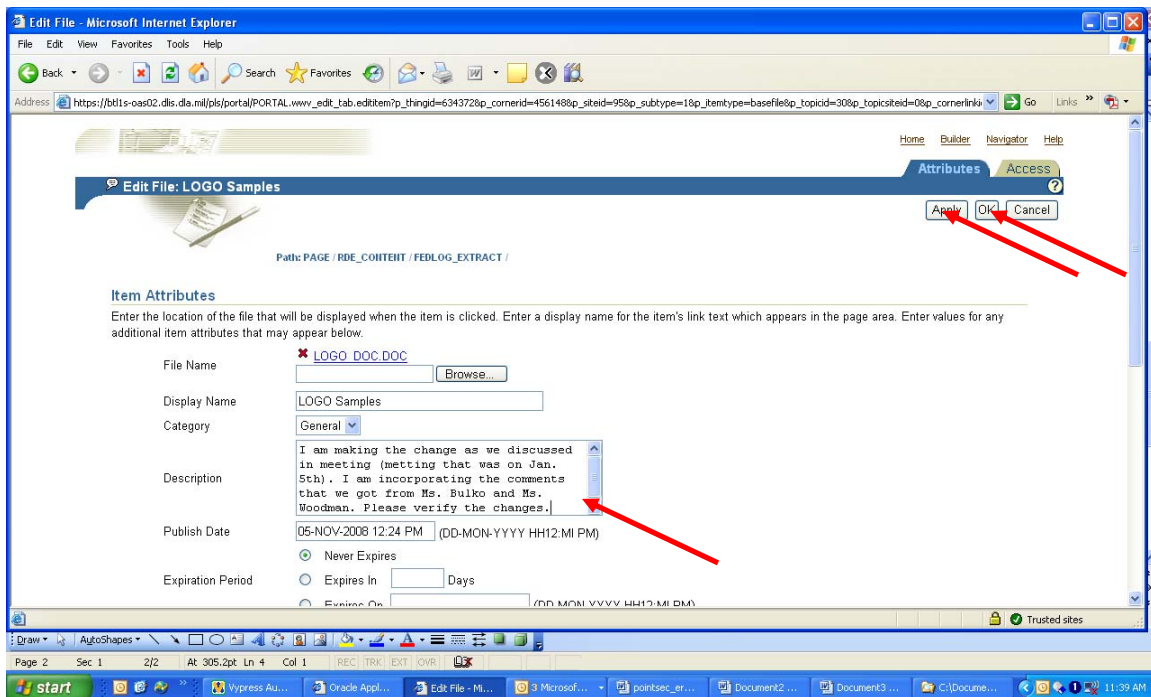
- 1) Click on Edit link as shown by the arrow in the figure above.



- 2) Click on pencil icon for the document which you are going to change.



3) In Description Field, type the note. This field accepts up to 4000 characters.

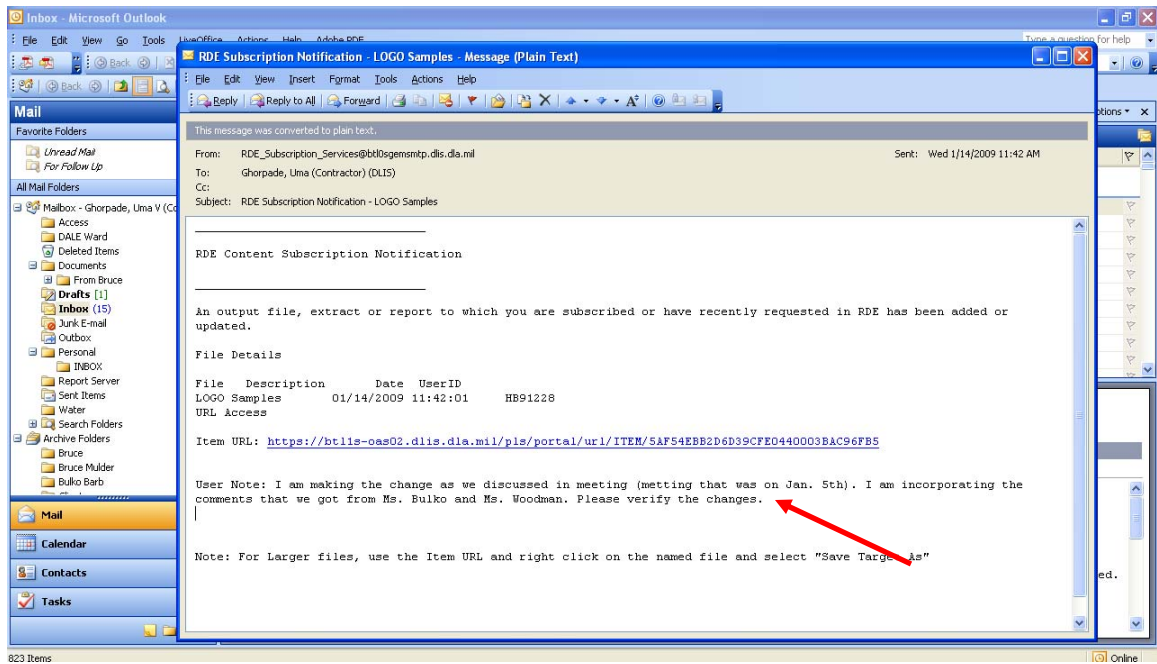


4) After typing the note in Description field, Click on

- Apply Button and then
- OK Button

Note: You must click on Apply button first and then the OK button

5) You will receive email. Check the email



You will see the note that you typed under the URL as "User Note"

Appendix D: Instructions on How to download data in Excel or Word

The Following is the screen shot of a formatted Multi NIIN Report.

Figure 84, Formatted Multi-NIIN Report

https://bt1s-oas02.dlis.dla.mil/pls/portal/docs/PAGE/RDE_MAIN/MULTI_NIIN_INQ_TAB/TEST-4.XML - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address https://bt1s-oas02.dlis.dla.mil/pls/portal/docs/PAGE/RDE_MAIN/MULTI_NIIN_INQ_TAB/TEST-4.XML Go Links

MULTI-NIIN Request ID: 286 File Name: Test-4.xml

NIIN: 000000060

NIIN Status / Cancellation Data

NIIN STATUS CODE	REPLACEMENT NSN	DEMIL	CRIT_CD	HCC	PMIC	ADPEC	ESD EMI	HMIC	EFF-DT
3	1005000000007	A			A	0		N	01-JAN-76

Item Identification

NIIN	FIG	INC	II	ESD EM	NIIN ASGNT DT	DEMIL	FSC	CRIT_CD	ADPEC	PMIC	RPDMRC	II	DEMIL INTGY	HMIC	HCC	EFF DT
000000060						A	7435		0	A				N		01-JAN-76

Class of Supply Data

COS:	9	repair parts and components to include kits, assemblies, and subassemblies, reparable and nonreparable required for maintenance support of all equipment.
------	---	---

Downloading Data to an Excel Spreadsheet:

Steps to download data to spreadsheet.

- 1) Right click on the mouse.

Figure 85, Multi-NIIN Report with a Right Click Menu Selection

The screenshot shows a web application interface for a Multi-NIIN Report. A right-click context menu is open over the 'NIIN Status / Cancellation Data' table. The menu options include: Copy, Copy as HTML, Set as Desktop Item..., Select All, Paste, Create Shortcut, Add to Favorites..., View Source, Encoding, Print, Refresh, Convert to Adobe PDF, Convert to existing PDF, Export to Microsoft Excel, Edit with Altova XMLSpy, and Properties.

NIIN Status / Cancellation Data

NIIN STATUS CODE	REPLACEMENT NSN	DEMIT
3	1005000000007	A

Item Identification

NIIN	FIG	INC	II	ESD EM	NIIN ASGNT DT	DEMIT	FSC	CD	ADPEC	PMIC	RPMRC	II	DEMIT INTGY	HMIC	HCC	EFF DT
000000080						A	7435		0	A				N		01-JAN-76

Class of Supply Data

- 2) Select the option "Select All" (If you only need a specific portion of the data, highlight the section that you want to download)
- 3) Once the data is selected, right click on any selected area

Figure 86, Multi-NIIN Report with All Elements Highlighted

The screenshot shows the same Multi-NIIN Report interface, but with all elements highlighted in blue. A right-click context menu is open over the 'NIIN Status / Cancellation Data' table. The menu options include: Cut, Copy, Paste, Select All, Print, Convert selected links to Adobe PDF, Convert selected links to existing PDF, Convert selection to Adobe PDF, Convert selection to existing PDF, and Edit with Altova XMLSpy.

NIIN Status / Cancellation Data

NIIN STATUS CODE	REPLACEMENT NSN	DEMIT
3	1005000000007	A

Item Identification

NIIN	FIG	INC	II	ESD EM	NIIN ASGNT DT	DEMIT	FSC	CD	ADPEC	PMIC	RPMRC	II	DEMIT INTGY	HMIC	HCC	EFF DT
000000080						A	7435		0	A				N		01-JAN-76

Class of Supply Data

COS	9	repair parts and components to include kits, assemblies, and subassemblies, repairable and nonrepairable required for maintenance support of all equipment
SUBCLASS		
COSIC	9	90%

- 4) Select the option "Copy"
- 5) Open Microsoft Excel
- 6) Select the option "Paste"

Figure 87, Multi-NIIN Report Pasted into Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2															
3	MULTI-NIIN Request ID: 286 File Name: Test-4.xml														
4															
5															
6															
7	NIIN: 000000060														
8															
9	NIIN Status / Cancellation Data														
10	NIIN STATUS CODE	REPLAC EMENT NSN	DEMIL	CRIT_CD	HCC	PMIC	ADPEC	ESD EM	HMIC	EFF-DT					
11	3	10050000 00007	A			A	0		N	01-JAN- 76					
12															
13															
14	Item Identification														
15															
16															
17	NIIN	FIIG	INC	II		ESD EM	NIIN ASGNT DT	DEMIL	FSC	CRIT CD	ADPEC	PMIC	RPDMR C	II	DEMIL INTGY
18	00000000 60							A	7435		0	A			
19															
20	Class of Supply Data														
21															

- To remove colors, select entire spreadsheet (by clicking the upper left most cell where the row numbers and the column headings meet as shown by the left most Red arrow in the figure above and select “Fill Color” (shown by the right most arrow) and select white color. It will remove all the colors.

Download data on Microsoft Word:

- 1) Copy Multi NIIN report
- 2) Open Microsoft word
- 3) Right click on blank Microsoft word document
- 4) Right click and select option “Paste”
- 5) Following is the screen print of the word document after you paste the data.

Figure 88, Multi-NIIN Report Pasted into MS Word

MULTI-NIIN Request ID: 286 File Name: Test-4.xml

NIIN: 000000060

NIIN Status / Cancellation Data

NIIN STATUS S CODE	REPLACEMENT TNSN	DEMI L	CRIT_C D	HC C	PMI C	ADPE C	ES D EMI	HMI C	EFF- DT
3	1005000000007	A			A	0		N	01- JAN -76

Item Identification

NIIN	FII G	IN C	I I	ES D E M	NIIN ASG NT DT	DE MIL	FS C	CR IT CD	ADP EC	PM IC	RPD MRC	I I	DE MIL INT GY	HM IC	HC C	EF F DT

Generating PDF Document:

- 1) Open the XML file that you want to convert in PDF
- 2) Right click on mouse

Figure 89, Multi-NIIN Report From an XML File

Address: <https://bt11s-oas02.dlis.dla.mil/>

Save Background As...
Set as Background
Copy Background
Set as Desktop Item...
Select All
Paste
Create Shortcut
Add to Favorites...
View Source
Encoding
Print
Refresh
Convert to Adobe PDF
Convert to existing PDF
Export to Microsoft Excel
Edit with Altova XMLSpy
Properties

MULTI-NIIN Request

NIIN: 000000060

NIIN Status / Cancel

NIIN STATUS CODE	REPLAC
3	1005000

Item Identification

NIIN	FIG	INC	II	ESD	EMI	HMIC	EFF-DT
000000060							

Class of Supply Data

COS	9	repair parts and components to include kits, assemblies, and subassemblies, reparable and nonreparable required for maintenance support of all equipment.
SUBCLASS		
COSIC	9	90%

- 3) Select the option "Convert to Adobe PDF" (shown by the arrow in the figure above).
- 4) It will give a window which allows you to browse to specific directory where you want to save the file

Figure 90, Convert Web Page to Adobe PDF "Pop-up Screen"

Address: https://bt11s-oas02.dlis.dla.mil/pls/portal/docs/PAGE/RDE_MAIN/MULTI_NIIN_INQ_TAB/TEST-4.XML - Microsoft Internet Explorer

Convert Web Page to Adobe PDF

Save in: Desktop

My Recent Documents
Desktop
My Documents
My Computer
My Network Places

File name: Untitled.pdf

Save as type: Adobe PDF (*.pdf)

Adobe PDF Conversion options
☐ Only convert selection ☒ Open in Acrobat when complete

Save Cancel

MULTI-NIIN Request

NIIN: 000000060

NIIN Status / Cancel

NIIN STATUS CODE	REPLAC
3	1005000

Item Identification

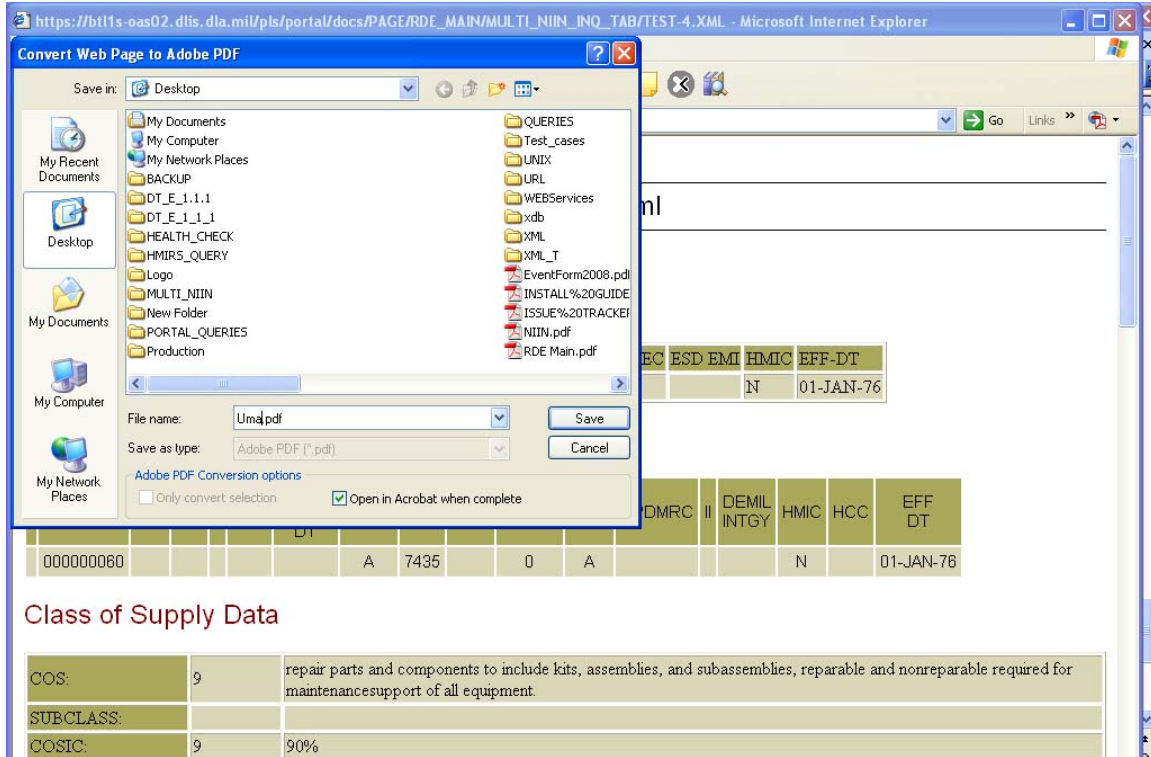
NIIN	FIG	INC	II	ESD	EMI	HMIC	EFF-DT
000000060							

Class of Supply Data

COS	9	repair parts and components to include kits, assemblies, and subassemblies, reparable and nonreparable required for maintenance support of all equipment.
SUBCLASS		
COSIC	9	90%

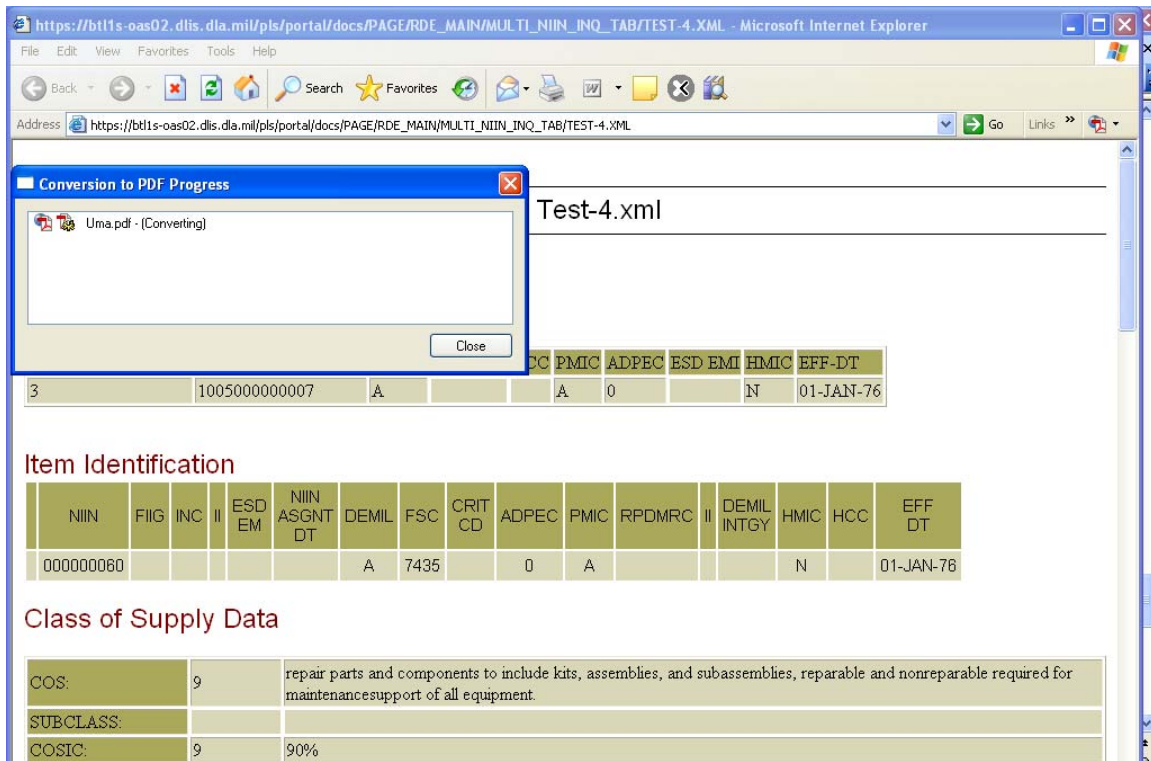
- 5) In this case I am going to save the file on my desktop, but I want to change the file name from “untitled.pdf” to MultiNiin_test1.pdf

Figure 91, Naming of the File "Untitled, PDF"



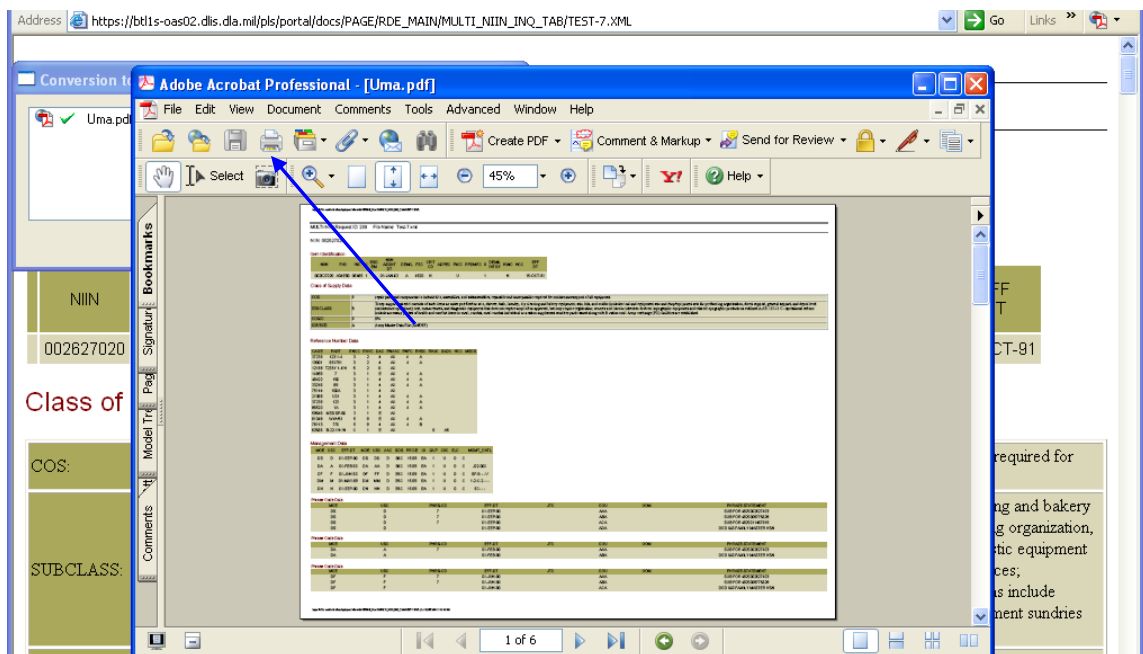
- 6) Click on “Save” button
- 7) The application will display a message “Converting” as shown in the figure below.

Figure 92, The "Converting" Pop-up



8) Once the conversion is done, the pdf file is displayed on the screen.

Figure 93, The Adobe File and Print Button



9) You can send the file to the printer by clicking on the Printer icon (shown by the arrow in Figure 93 above).